

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064095.D
 Acq On : 12 Oct 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 4:09:57 PM

Quant Time: Oct 13 03:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	248121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202342	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.55	113	142695	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.06	98	522754	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.38	95	200366	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	105883	40.443	ug/l	99
3) Chloromethane	2.04	50	144395	47.004	ug/l	99
4) Vinyl Chloride	2.16	62	142812	46.313	ug/l	98
5) Bromomethane	2.52	94	83263	42.928	ug/l	100
6) Chloroethane	2.67	64	91976	49.916	ug/l	98
7) Trichlorofluoromethane	2.98	101	223705	45.742	ug/l	99
8) Diethyl Ether	3.37	74	89432	54.071	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	118145	45.198	ug/l	97
10) Methyl Iodide	3.91	142	165607	54.564	ug/l	97
11) Tert butyl alcohol	4.73	59	136641	301.931	ug/l	99
12) 1,1-Dichloroethene	3.70	96	122473	49.018	ug/l	92
13) Acrolein	3.56	56	102917	370.532	ug/l	100
14) Allyl chloride	4.27	41	248094	53.448	ug/l	89
15) Acrylonitrile	4.93	53	407911	314.887	ug/l	98
16) Acetone	3.77	43	367535	291.268	ug/l	99
17) Carbon Disulfide	4.01	76	309996	45.962	ug/l	100
18) Methyl Acetate	4.27	43	226113	69.016	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	503895	55.511	ug/l	100
20) Methylene Chloride	4.50	84	152054	52.604	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	135712	48.493	ug/l	96
22) Diisopropyl ether	5.90	45	564481	59.107	ug/l	96
23) Vinyl Acetate	5.84	43	2303766	291.211	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290877	53.269	ug/l	100
25) 2-Butanone	6.78	43	578733	323.498	ug/l	99
26) 2,2-Dichloropropane	6.77	77	198174	39.630	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	164681	51.165	ug/l	97
28) Bromochloromethane	7.15	49	151073	55.977	ug/l	94
29) Tetrahydrofuran	7.16	42	395172	329.348	ug/l	95
30) Chloroform	7.33	83	297031	52.170	ug/l	94
31) Cyclohexane	7.61	56	218739	45.964	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	259196	50.472	ug/l	98
36) 1,1-Dichloropropene	7.75	75	204816	47.588	ug/l	99
37) Ethyl Acetate	6.88	43	237521	55.547	ug/l	99
38) Carbon Tetrachloride	7.73	117	218384	45.250	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	178610	41.614	ug/l	98
40) Benzene	8.00	78	617420	50.225	ug/l	99
41) Methacrylonitrile	7.12	41	101038	53.166	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	253538	48.316	ug/l	99
43) Isopropyl Acetate	8.13	43	411980	58.411	ug/l #	92
44) Trichloroethene	8.80	130	151569	47.057	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176056	53.029	ug/l	97
46) Dibromomethane	9.17	93	112000	48.902	ug/l	99
47) Bromodichloromethane	9.37	83	240300	50.909	ug/l	98
48) Methyl methacrylate	9.16	41	202521	58.118	ug/l	93
49) 1,4-Dioxane	9.16	88	49077	990.958	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1273573	307.695	ug/l	100
52) Toluene	10.13	92	380558	50.049	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	251987	49.803	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	266263	50.318	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	160969	52.788	ug/l	98
56) Ethyl methacrylate	10.40	69	249357	57.691	ug/l	94
57) 1,3-Dichloropropane	10.68	76	276528	53.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	672511	290.871	ug/l	97
59) 2-Hexanone	10.72	43	925908	301.132	ug/l	99
60) Dibromochloromethane	10.87	129	184292	51.895	ug/l	98
61) 1,2-Dibromoethane	10.98	107	165830	53.163	ug/l	99
64) Tetrachloroethene	10.60	164	138459	43.852	ug/l	98
65) Chlorobenzene	11.41	112	403626	48.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	157521	49.081	ug/l	96
67) Ethyl Benzene	11.48	91	742933	48.771	ug/l	100
68) m/p-Xylenes	11.60	106	548053	96.532	ug/l	100
69) o-Xylene	11.92	106	265911	50.111	ug/l	98
70) Styrene	11.94	104	461745	51.262	ug/l	99
71) Bromoform	12.10	173	126617	51.583	ug/l #	100
73) Isopropylbenzene	12.22	105	690977	49.646	ug/l	99
74) N-amyl acetate	12.05	43	366112	56.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	236930	55.670	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	216700m	51.518	ug/l	
77) Bromobenzene	12.50	156	174620	51.131	ug/l	98
78) n-propylbenzene	12.57	91	787273	48.604	ug/l	100
79) 2-Chlorotoluene	12.65	91	495091	49.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	583283	49.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76810	52.593	ug/l	94
82) 4-Chlorotoluene	12.75	91	517130	50.005	ug/l	100
83) tert-Butylbenzene	12.97	119	467686	48.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	589968	50.607	ug/l	98
85) sec-Butylbenzene	13.14	105	604927	48.221	ug/l	100
86) p-Isopropyltoluene	13.26	119	543039	48.932	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	304597	49.300	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	306708	47.677	ug/l	98
89) n-Butylbenzene	13.59	91	468863	45.774	ug/l	99
90) Hexachloroethane	13.85	117	103474	48.116	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	302204	49.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52434	52.533	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	147754	44.597	ug/l	99
94) Hexachlorobutadiene	14.98	225	79438	47.879	ug/l	99
95) Naphthalene	15.10	128	487956	47.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152014	47.192	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

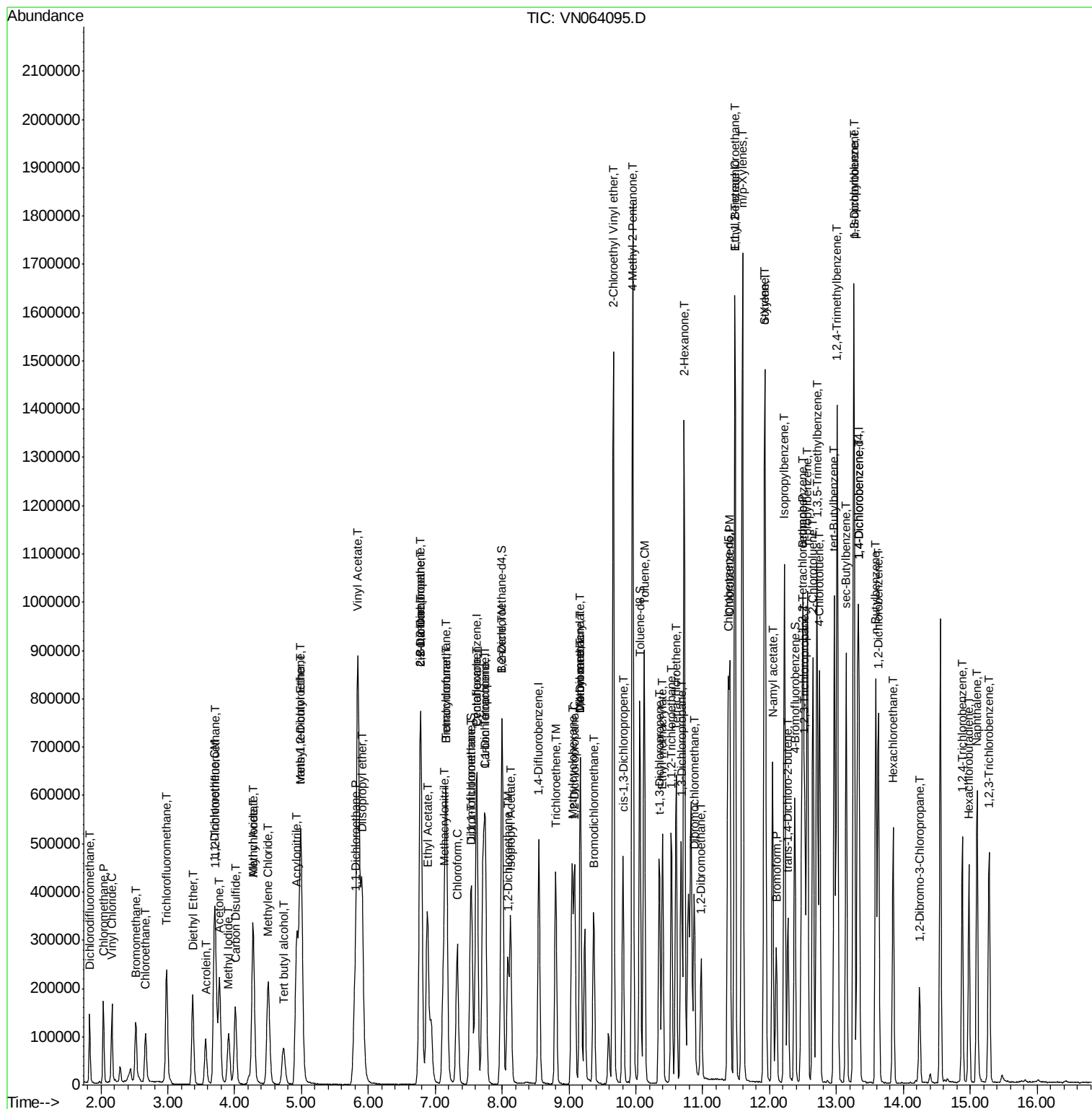
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Data File : VN064095.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 248121

Ion Ratio Lower Upper

168 100

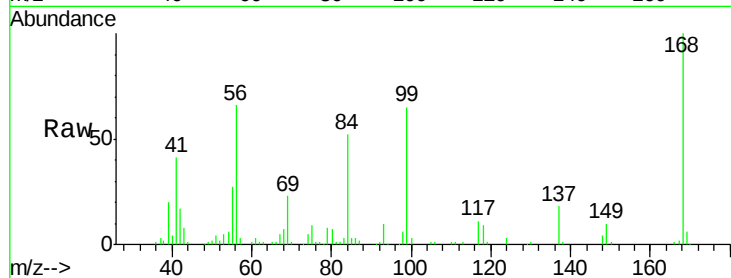
99 64.1 51.8 77.6

Manual Integrations

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10/13/2020 4:09:57 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

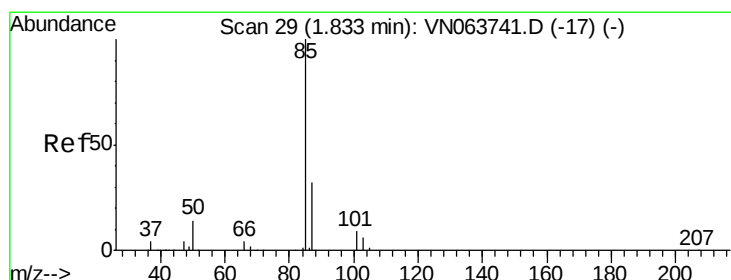
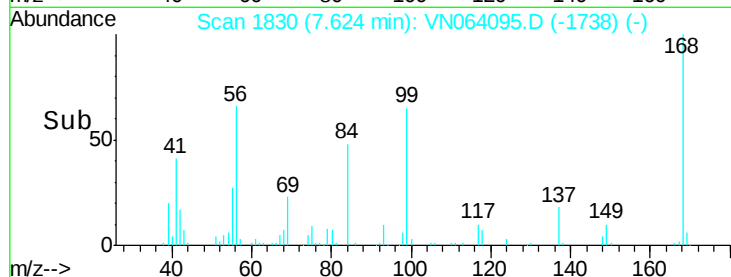
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 40.443 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064095.D

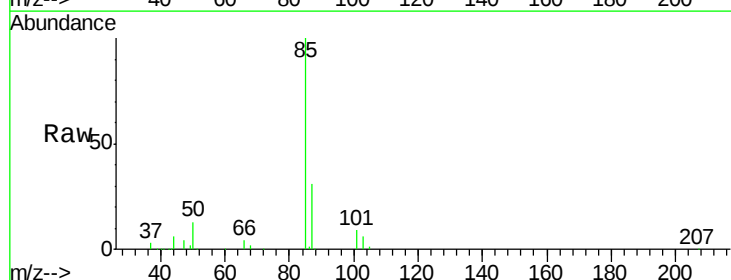
Acq: 12 Oct 2020 22:14

Tgt Ion: 85 Resp: 105883

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

80000

60000

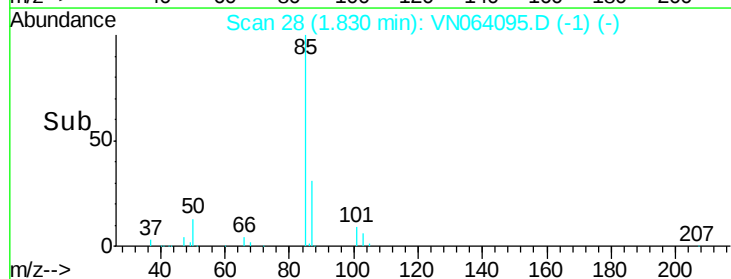
40000

20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.004 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 144395

Ion Ratio Lower Upper

50 100

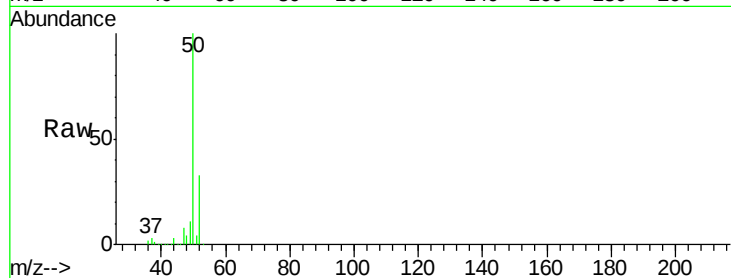
52 33.1 25.8 38.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

120000

100000

80000

60000

40000

20000

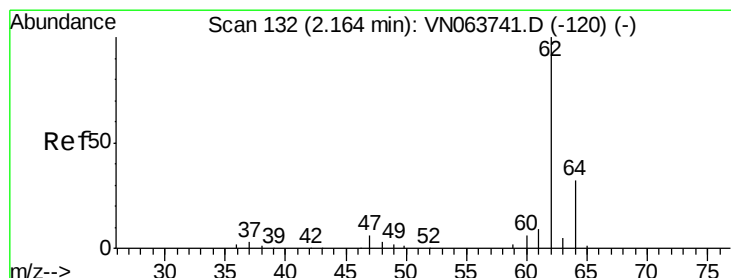
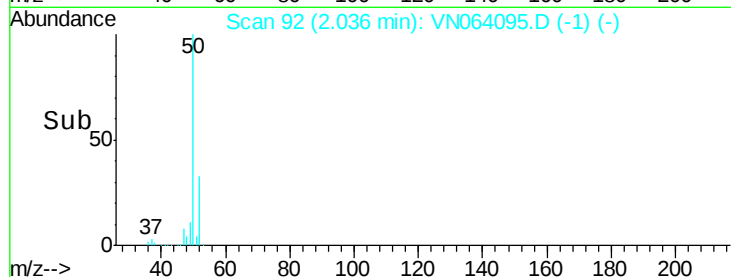
0

2.00

2.05

2.10

Time-->



#4

Vinyl Chloride

Concen: 46.313 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064095.D

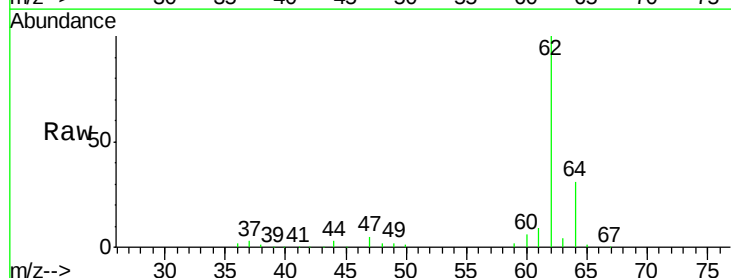
Acq: 12 Oct 2020 22:14

Tgt Ion: 62 Resp: 142812

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

100000

80000

60000

40000

20000

0

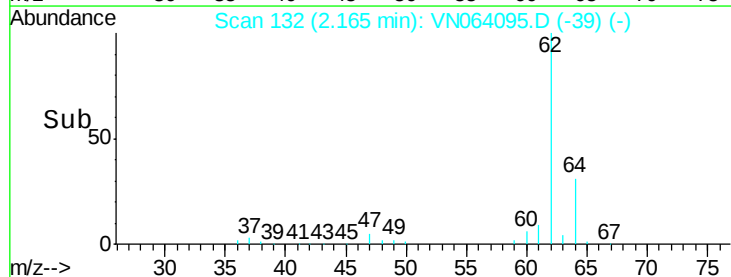
2.10

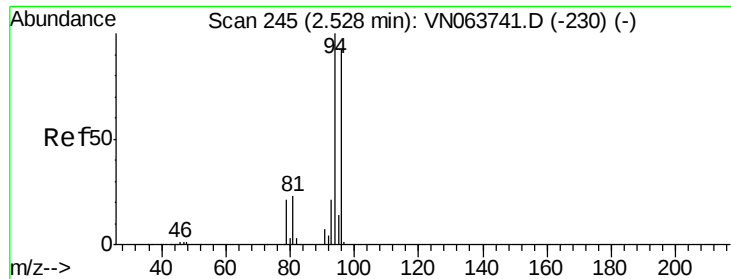
2.15

2.20

2.25

Time-->





#5

Bromomethane

Concen: 42.928 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 83263

Ion Ratio Lower Upper

94 100

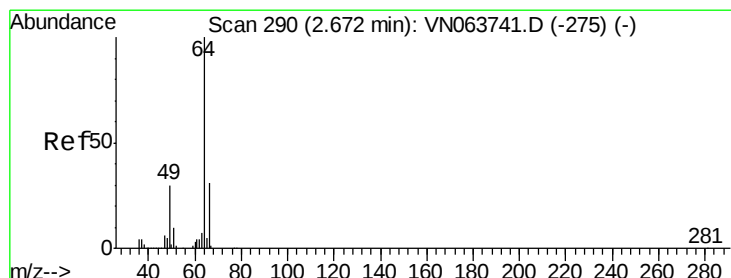
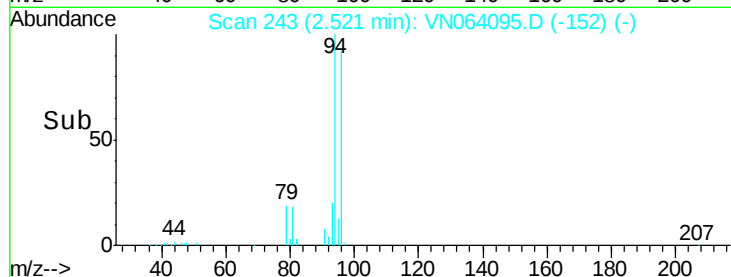
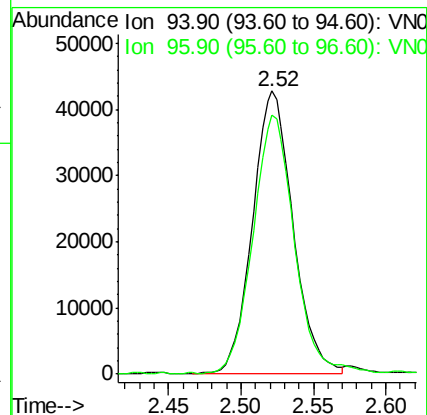
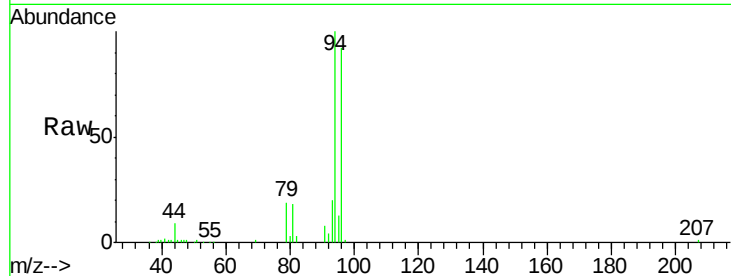
96 91.3 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 49.916 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064095.D

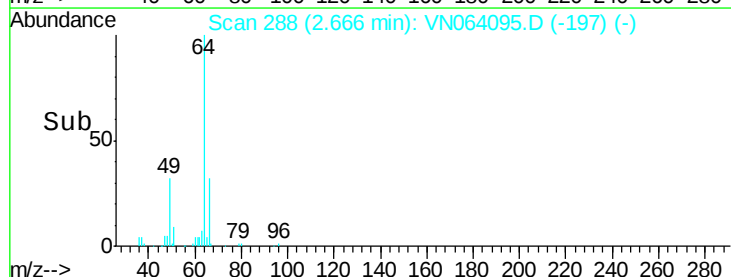
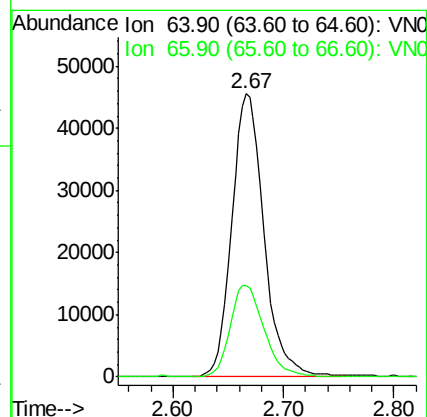
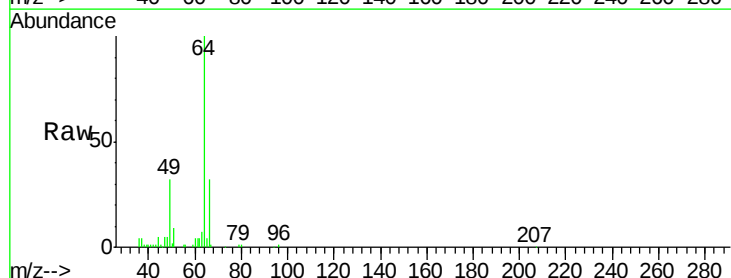
Acq: 12 Oct 2020 22:14

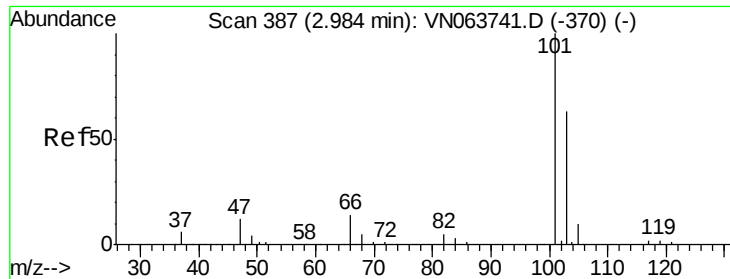
Tgt Ion: 64 Resp: 91976

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7





#7

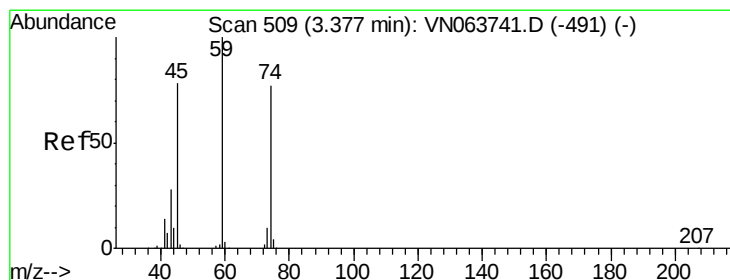
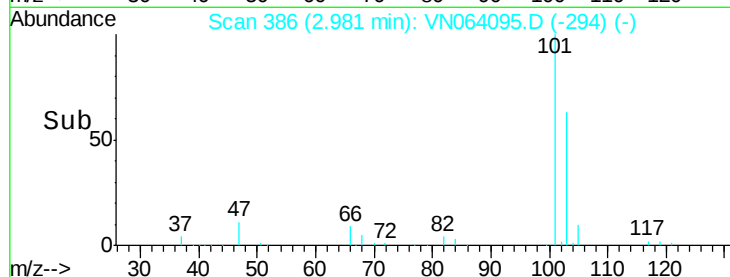
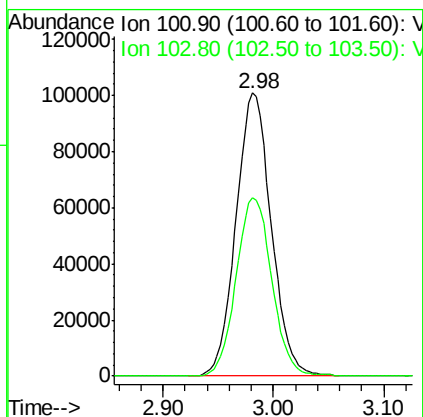
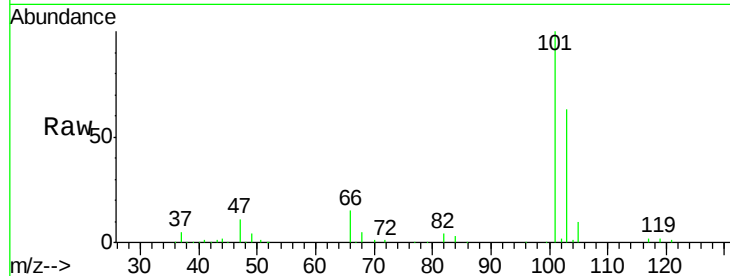
Trichlorofluoromethane
Concen: 45.742 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

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ClientSampleId :
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Tot Ion:101 Resp: 223705
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1

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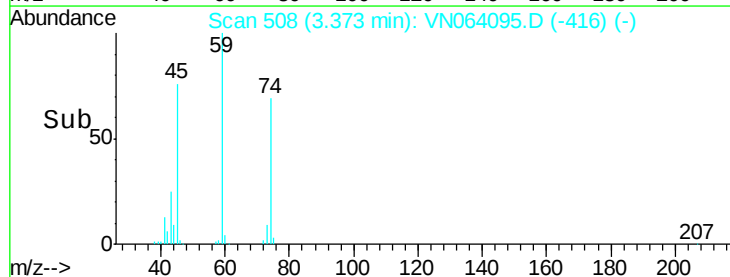
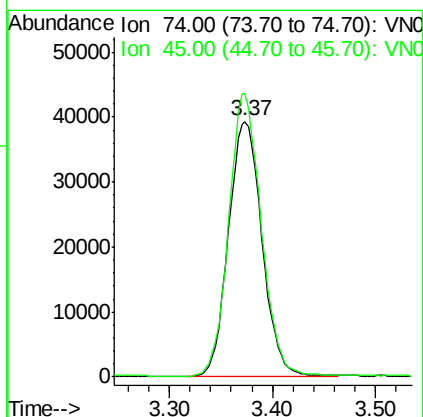
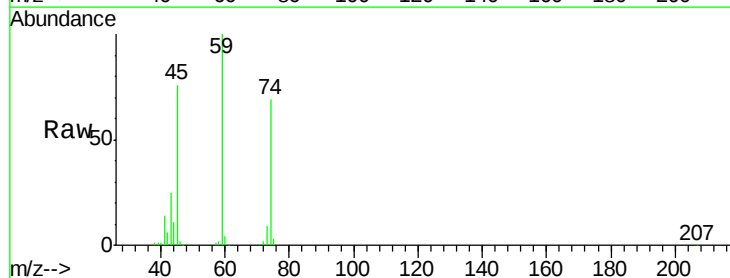
MMDadoda
10/13/2020 4:09:57 PM

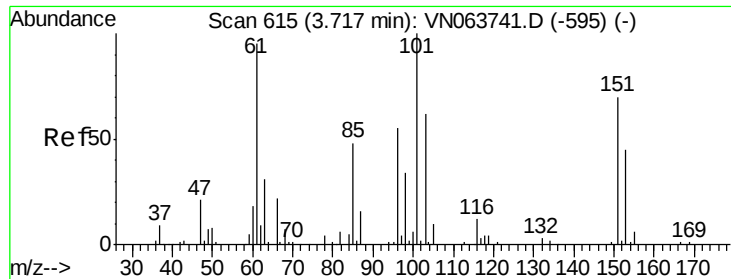


#8

Diethyl Ether
Concen: 54.071 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 74 Resp: 89432
Ion Ratio Lower Upper
74 100
45 107.6 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.198 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

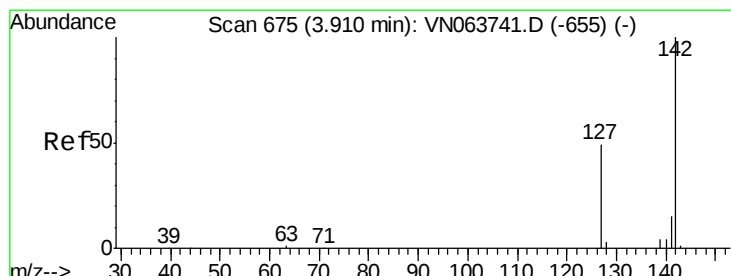
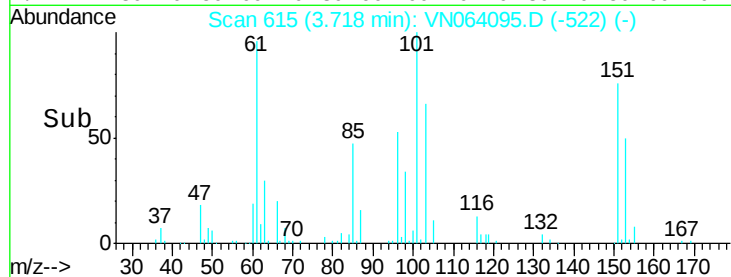
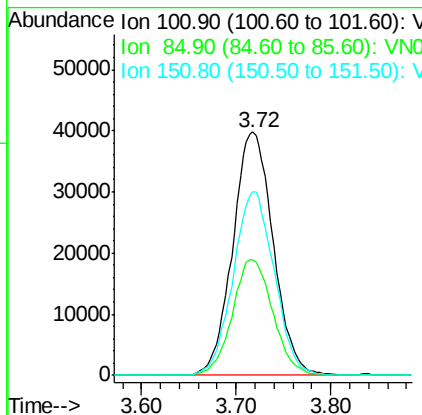
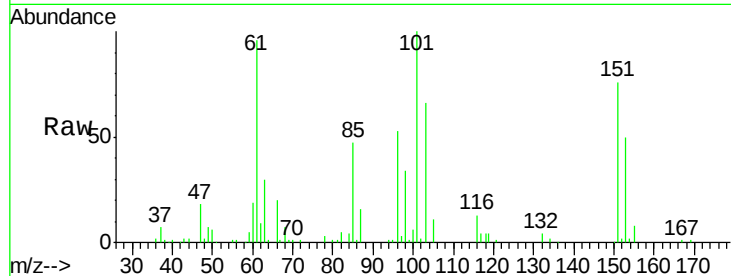
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	118145
Ion Ratio	Lower	Upper	
101	100		
85	47.6	38.6	58.0
151	76.8	58.7	88.1

Manual Integrations
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MMDadoda
10/13/2020 4:09:57 PM



#10

Methyl Iodide

Concen: 54.564 ug/l

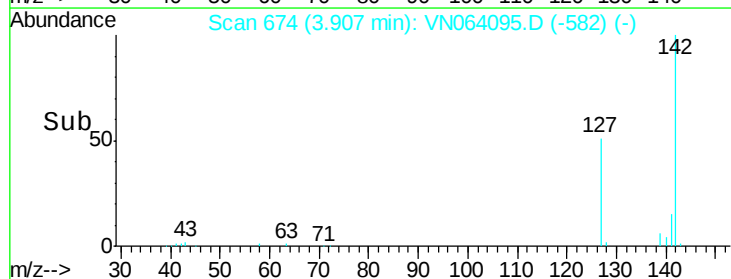
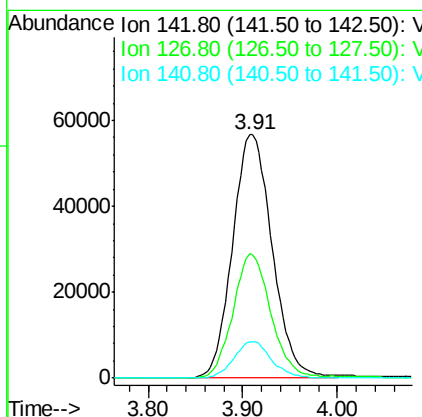
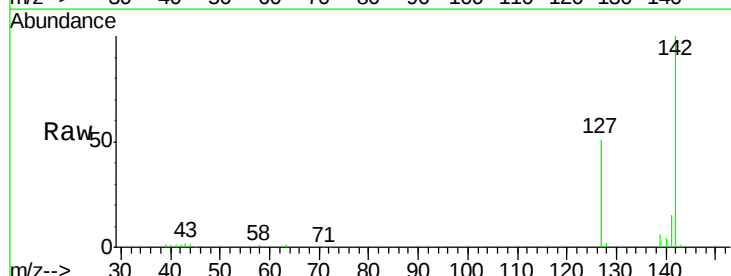
RT: 3.91 min Scan# 674

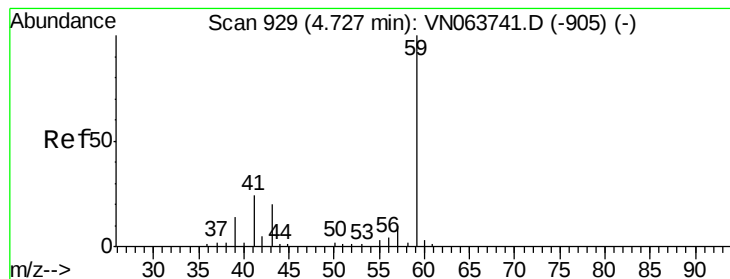
Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion:	142	Resp:	165607
Ion Ratio	Lower	Upper	
142	100		
127	48.5	40.5	60.7
141	14.3	11.7	17.5





#11

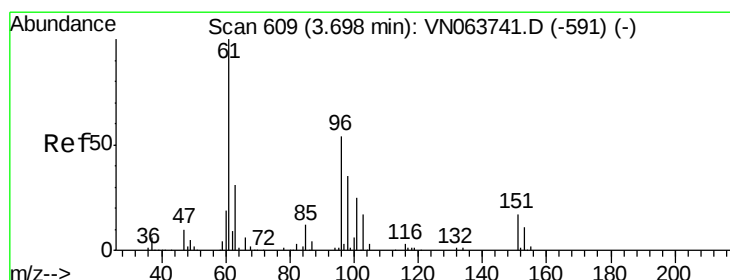
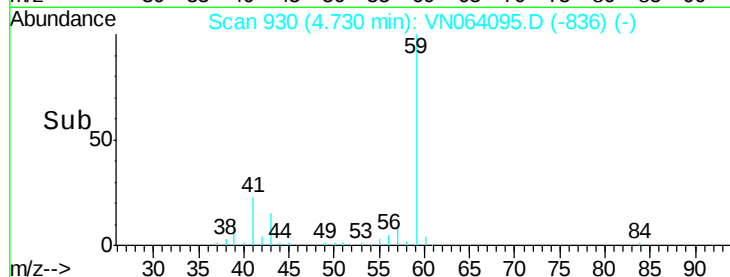
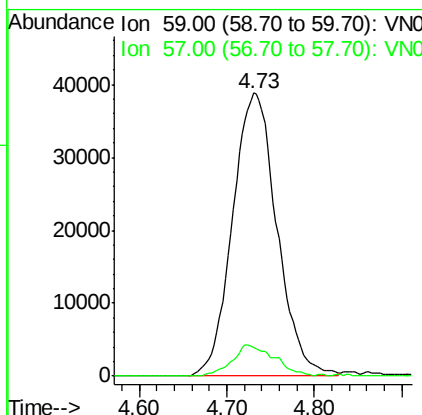
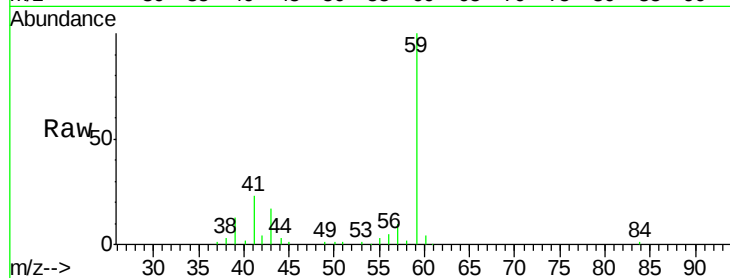
Tert butyl alcohol
Concen: 301.931 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	136641		
57	57	10.5		8.7	13.1

Manual Integrations
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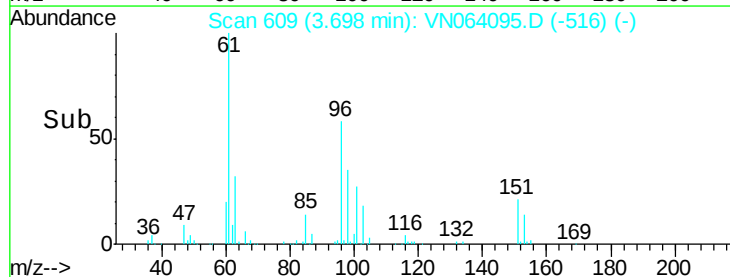
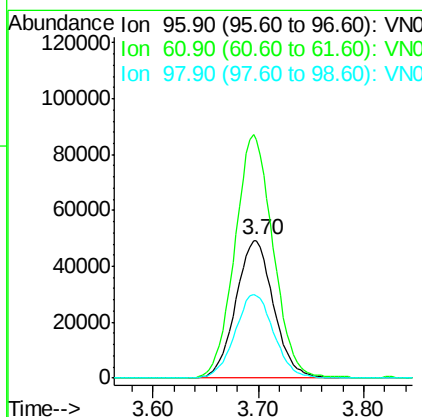
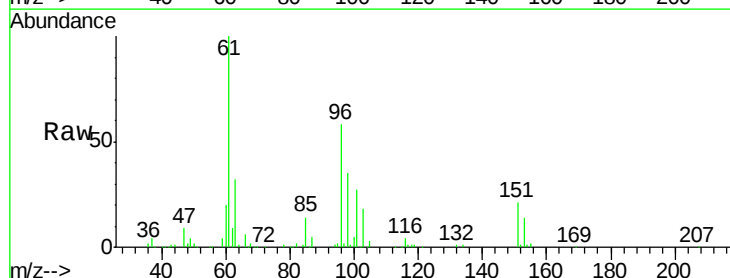
MMDadoda
10/13/2020 4:09:57 PM

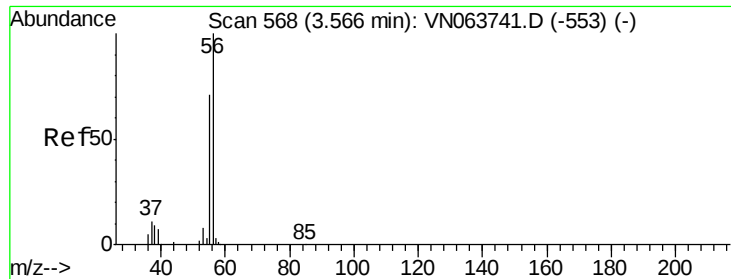


#12

1,1-Dichloroethene
Concen: 49.018 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	122473		
61	61	172.8		147.7	221.5
98	98	59.7		51.9	77.9





#13

Acrolein

Concen: 370.532 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 102917

Ion Ratio Lower Upper

56 100

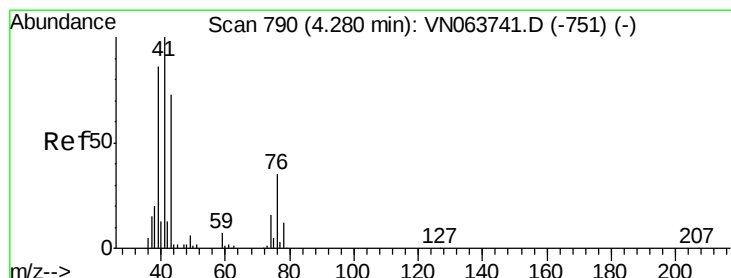
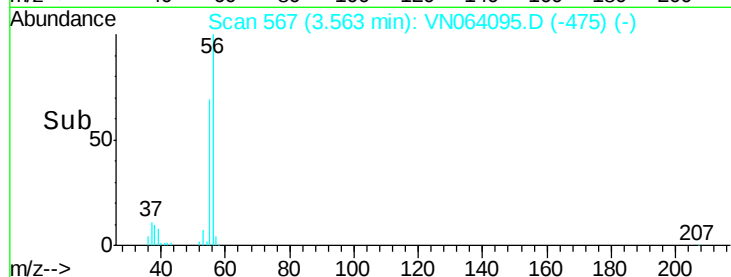
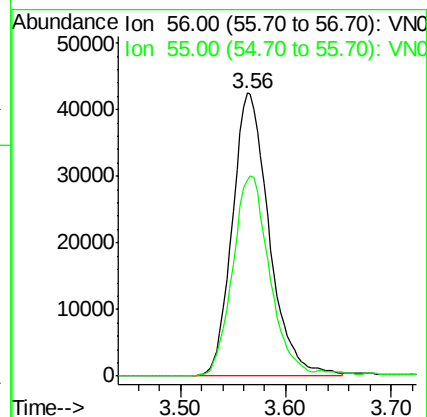
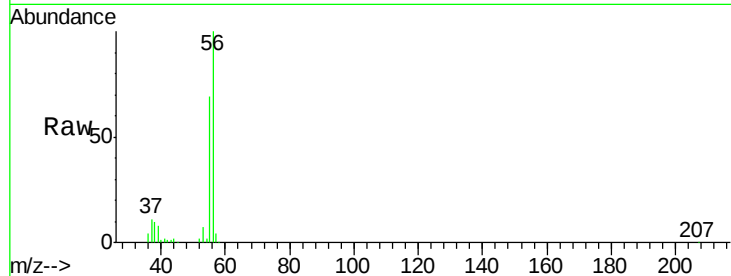
55 70.7 56.9 85.3

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 53.448 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

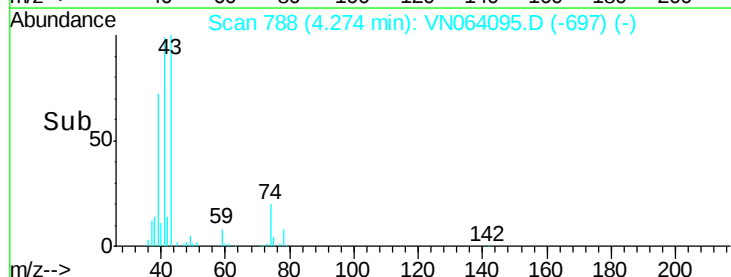
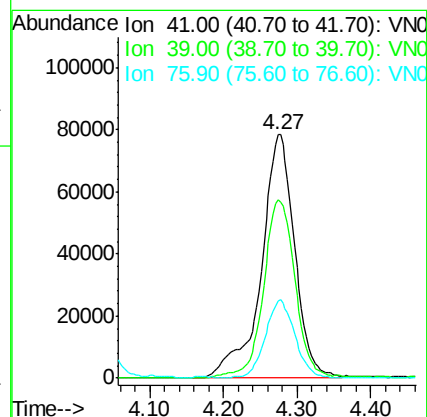
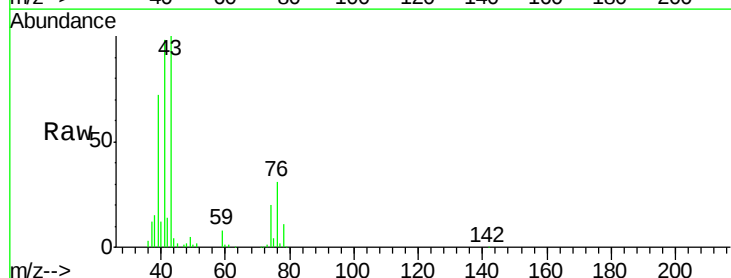
Tgt Ion: 41 Resp: 248094

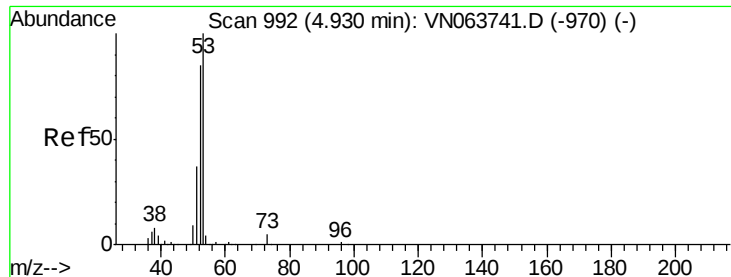
Ion Ratio Lower Upper

41 100

39 69.0 64.5 96.7

76 28.5 25.9 38.9





#15

Acrylonitrile

Concen: 314.887 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

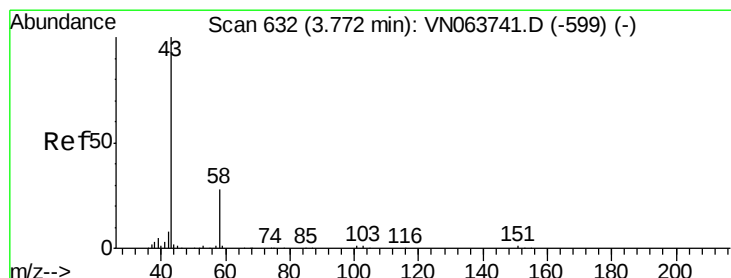
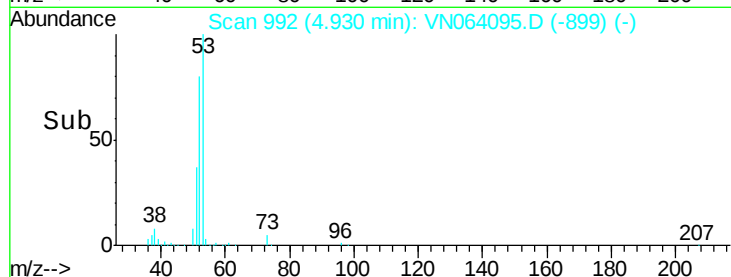
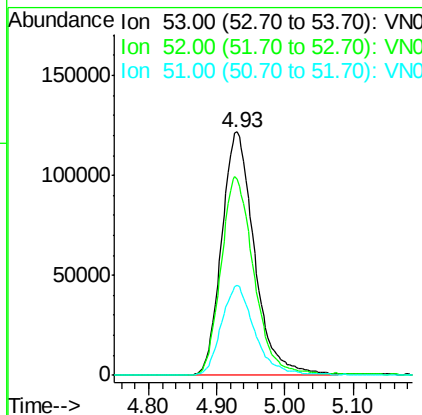
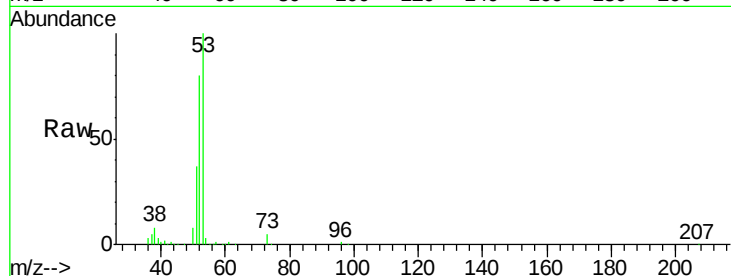
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	407911
Ion Ratio		Lower	Upper
53	100		
52	80.6	66.5	99.7
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 291.268 ug/l

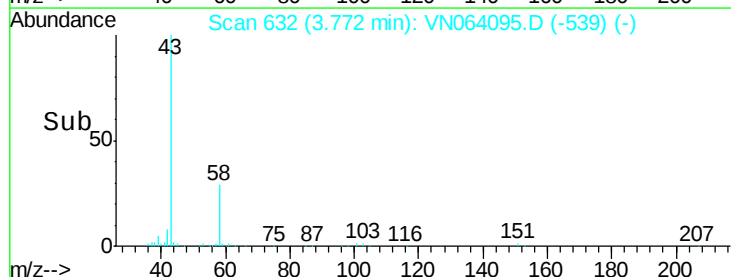
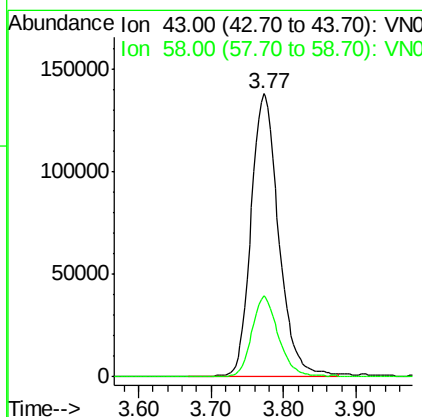
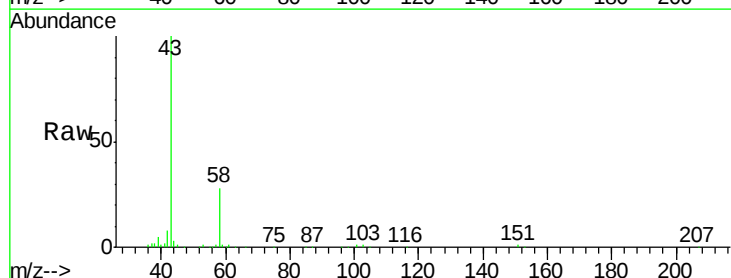
RT: 3.77 min Scan# 632

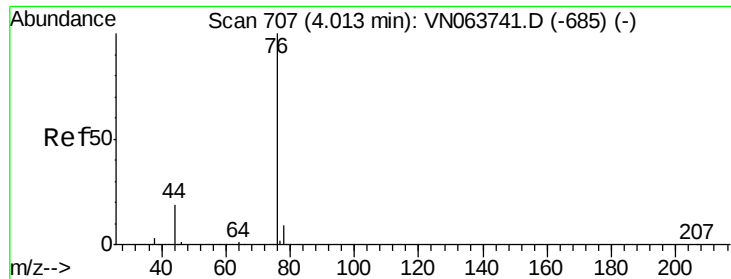
Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion:	43	Resp:	367535
Ion Ratio		Lower	Upper
43	100		
58	28.3	22.3	33.5





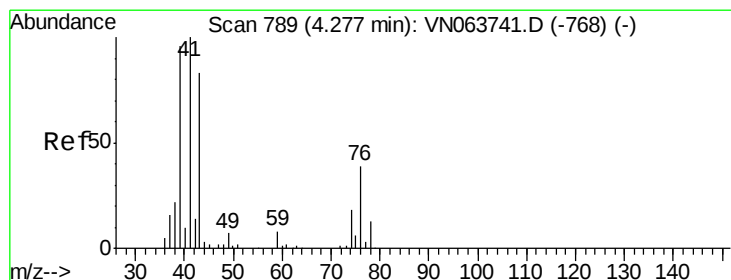
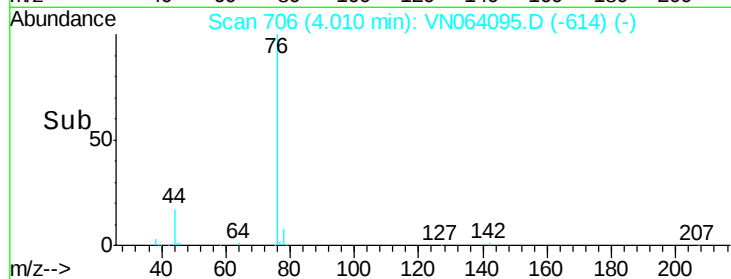
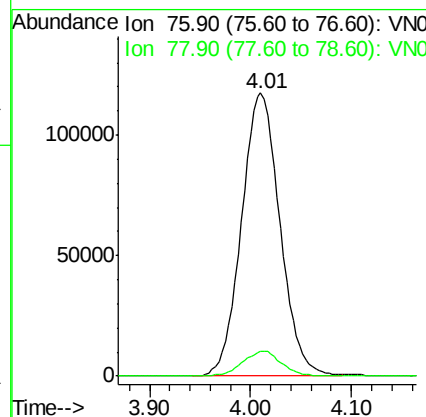
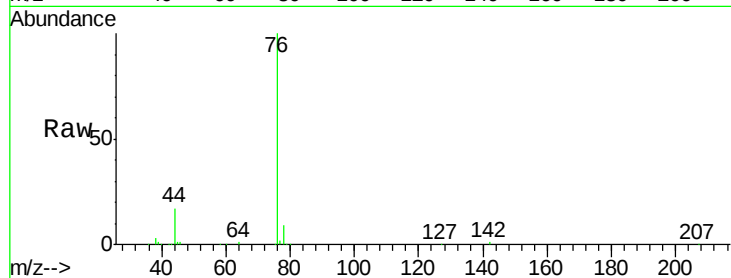
#17
Carbon Disulfide
Concen: 45.962 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

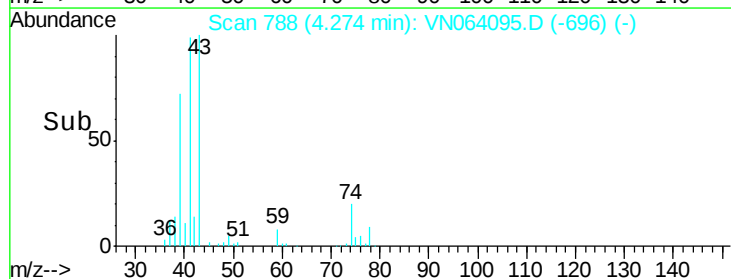
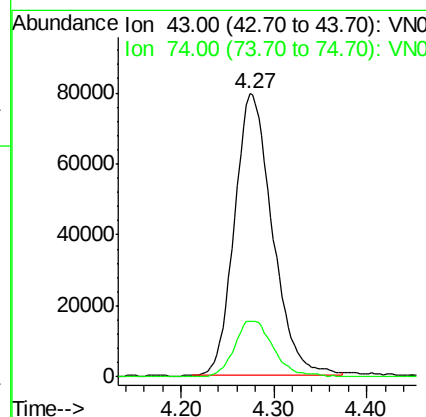
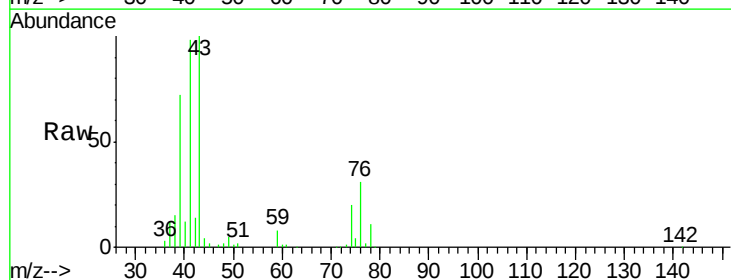
Manual Integrations
APPROVED

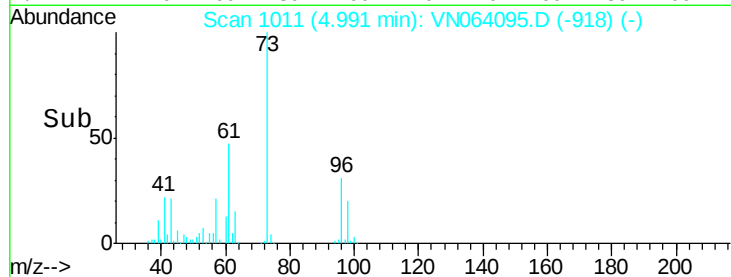
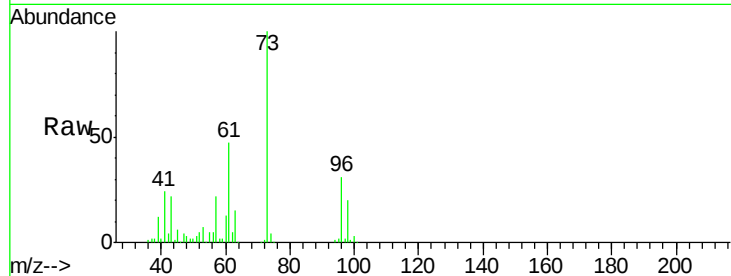
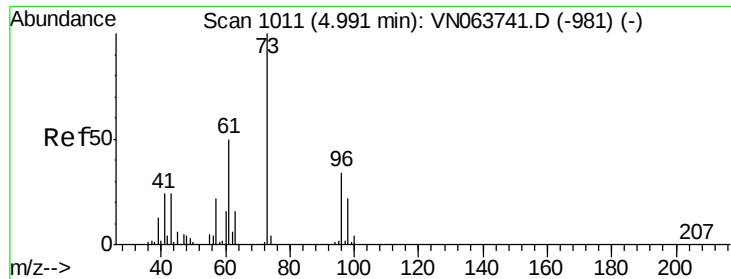
MMDadoda
10/13/2020 4:09:57 PM



#18
Methyl Acetate
Concen: 69.016 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	17.4	26.2





#19

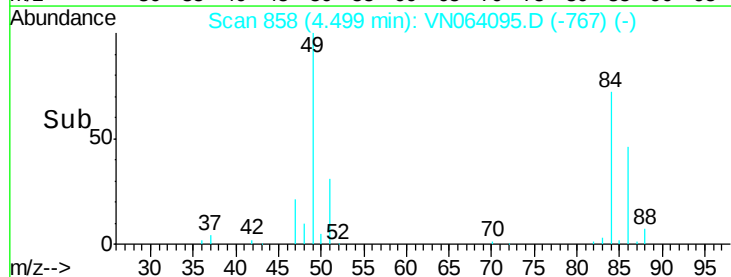
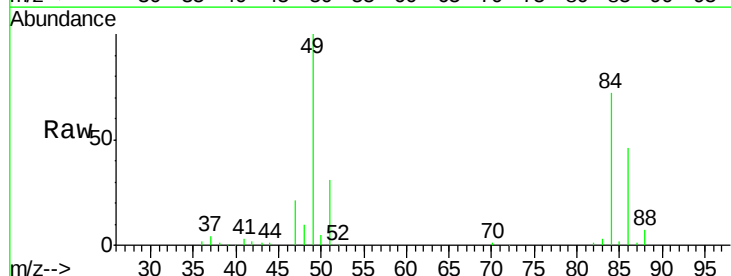
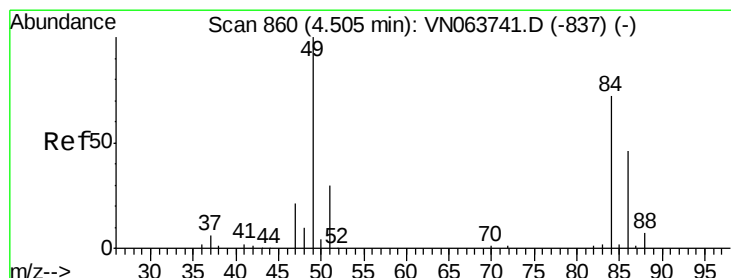
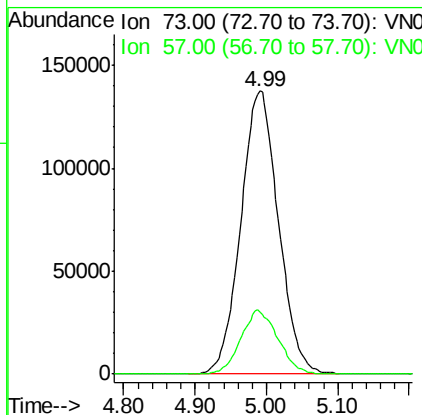
Methyl tert-butyl Ether
Concen: 55.511 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tot Ion	73	57	Ratio	100	22.0	Resp	503895	Lower	17.6	Upper	26.4
Ion	73	57	Ratio	100	22.0	Resp	503895	Lower	17.6	Upper	26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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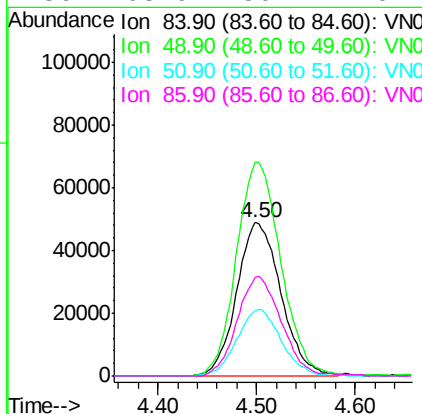
MMDadoda
10/13/2020 4:09:57 PM

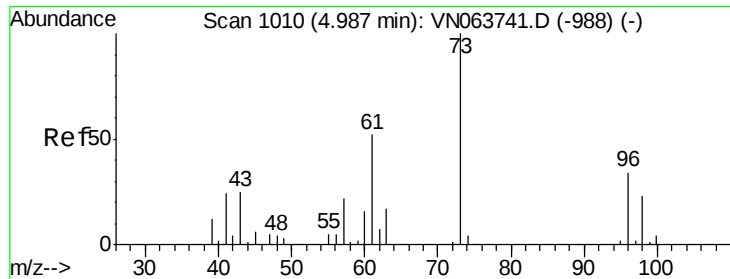


#20

Methylene Chloride
Concen: 52.604 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	84	49	51	86	Ratio	100	139.2	42.7	63.9	Resp	152054	Lower	110.4	33.3	50.7	Upper	165.6	49.9	76.1
Ion	84	49	51	86	Ratio	100	139.2	42.7	63.9	Resp	152054	Lower	110.4	33.3	50.7	Upper	165.6	49.9	76.1





#21

trans-1,2-Dichloroethene

Concen: 48.493 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 135712

Ion Ratio Lower Upper

96 100

61 155.0 120.2 180.2

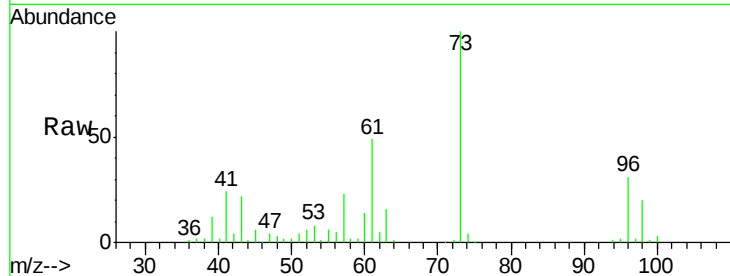
98 63.5 52.6 79.0

Manual Integrations

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MMDadoda

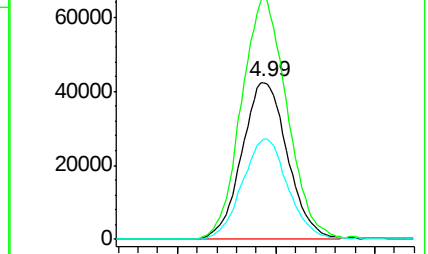
10/13/2020 4:09:57 PM



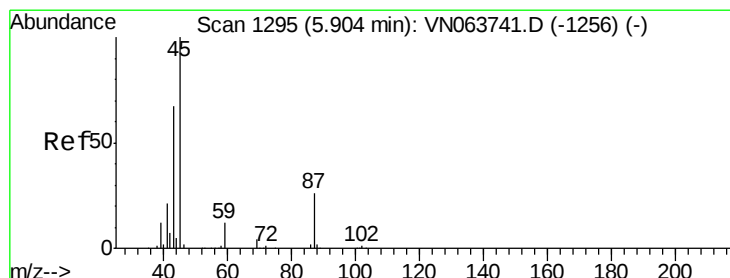
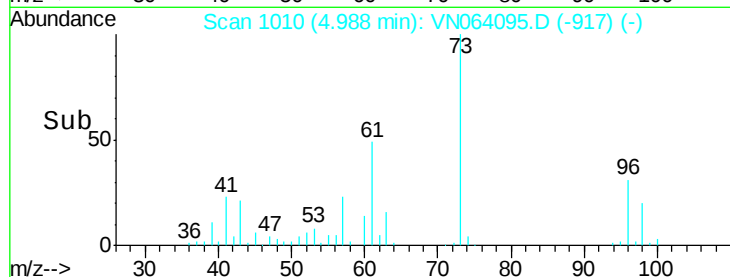
Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-988) (-)



Time-->



#22

Diisopropyl ether

Concen: 59.107 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion: 45 Resp: 564481

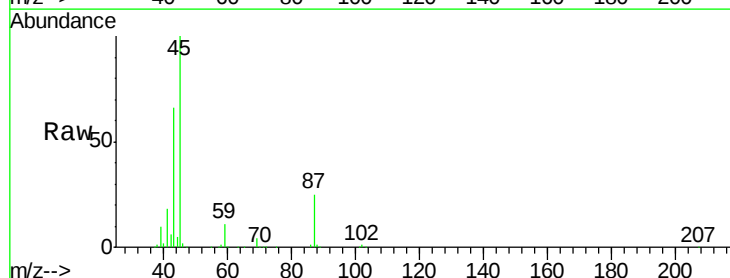
Ion Ratio Lower Upper

45 100

43 64.1 53.7 80.5

87 24.5 21.1 31.7

59 10.3 9.2 13.8

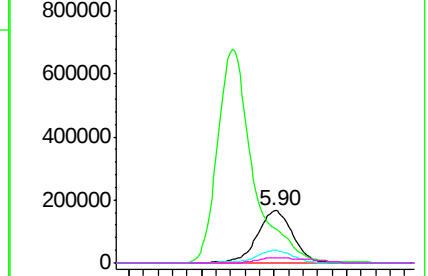


Abundance Ion 45.00 (44.70 to 45.70): VN063741.D (-1256) (-)

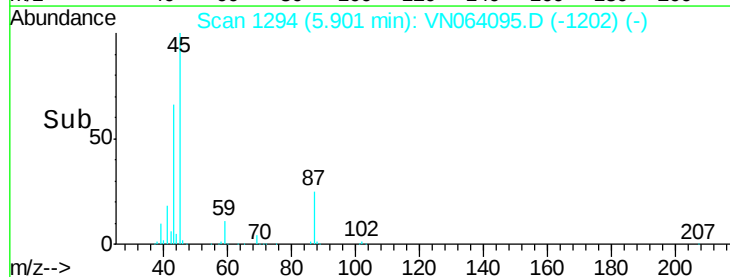
Ion 43.00 (42.70 to 43.70): VN063741.D (-1256) (-)

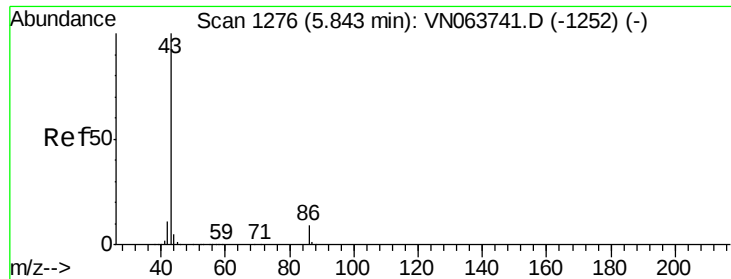
Ion 87.00 (86.70 to 87.70): VN063741.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063741.D (-1256) (-)



Time-->





#23

Vinyl Acetate

Concen: 291.211 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2303766

Ion Ratio Lower Upper

43 100

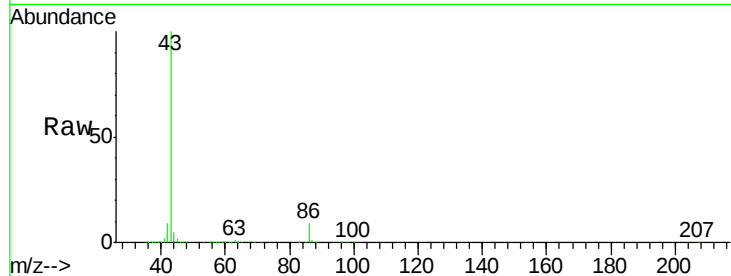
86 8.8 7.3 10.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

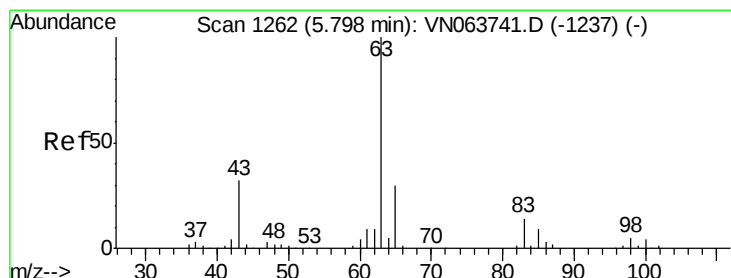
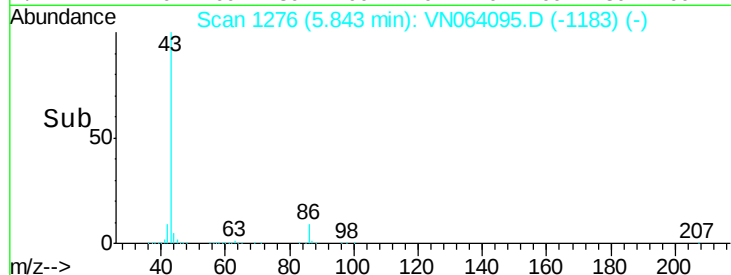
400000

200000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.269 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

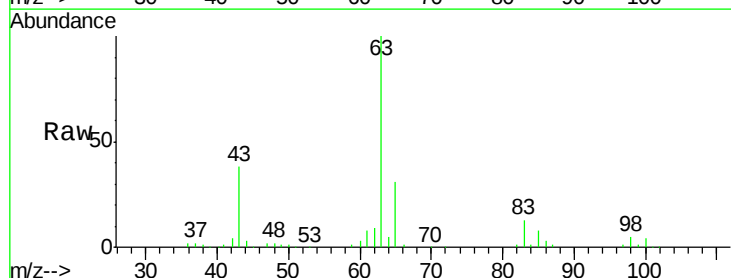
Tgt Ion: 63 Resp: 290877

Ion Ratio Lower Upper

63 100

98 5.4 2.7 8.1

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

60000

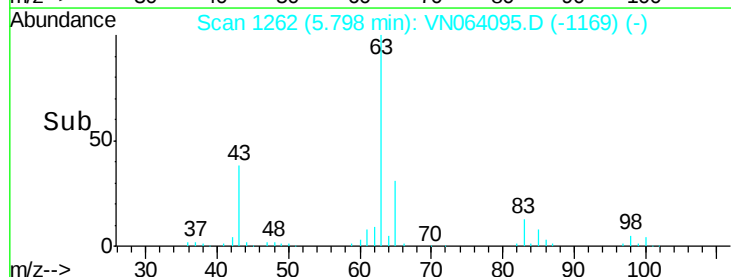
40000

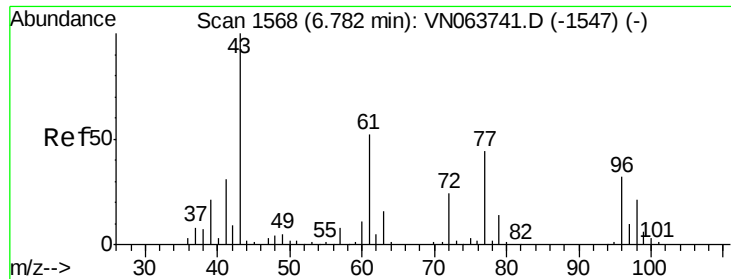
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 323.498 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 578733

Ion Ratio Lower Upper

43 100

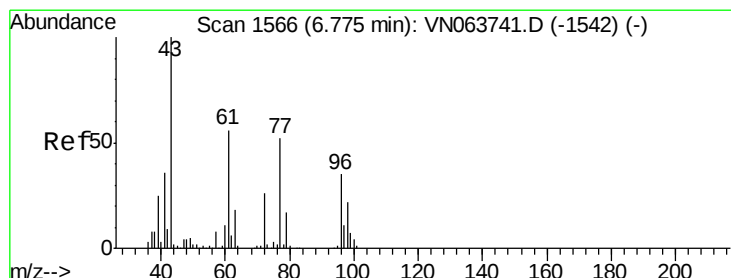
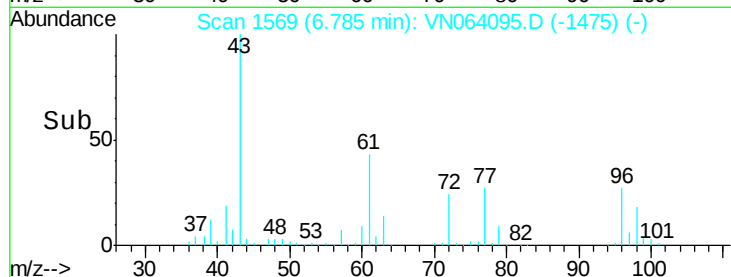
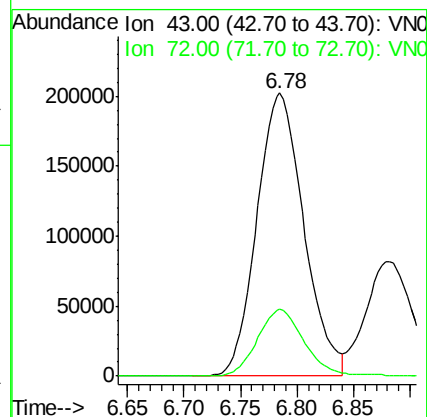
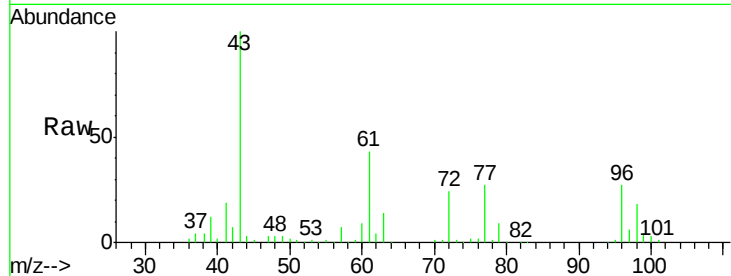
72 23.7 19.3 28.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.630 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064095.D

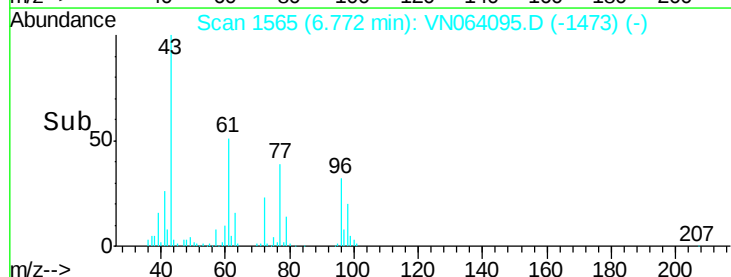
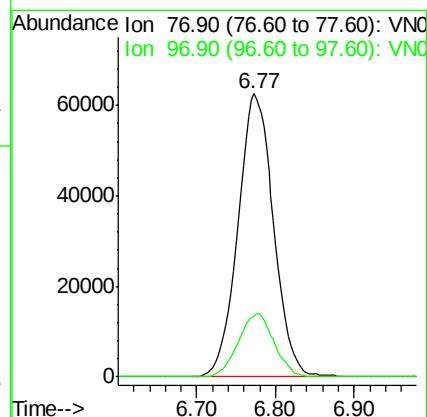
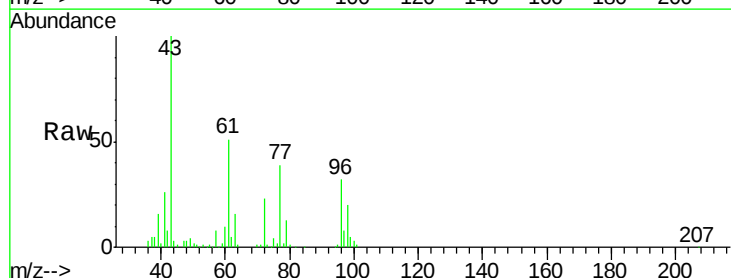
Acq: 12 Oct 2020 22:14

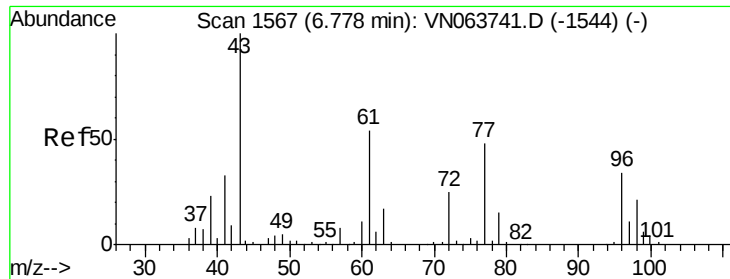
Tgt Ion: 77 Resp: 198174

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.3





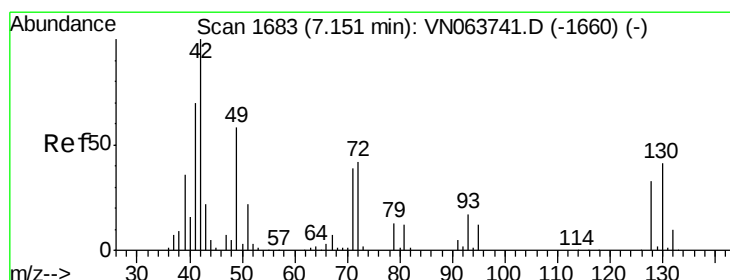
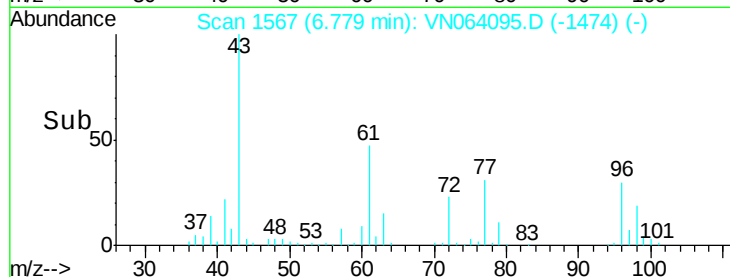
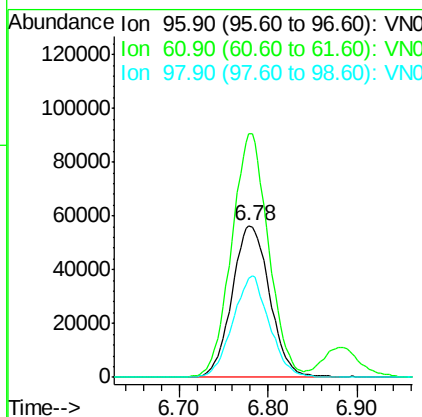
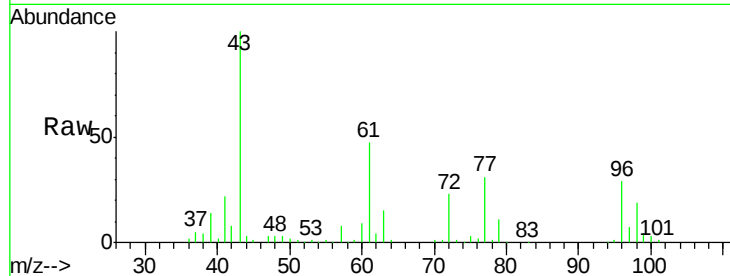
#27
 cis-1,2-Dichloroethene
 Concen: 51.165 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	164681		
61	157.4	0.0	321.2	
98	64.8	0.0	124.4	

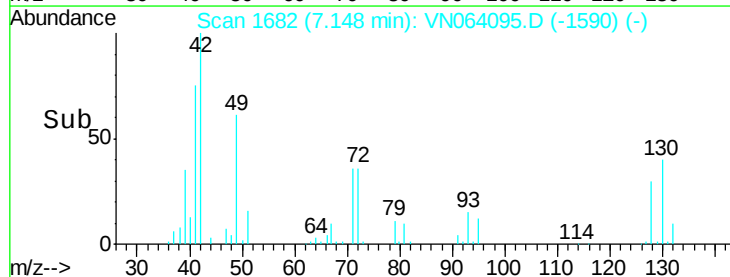
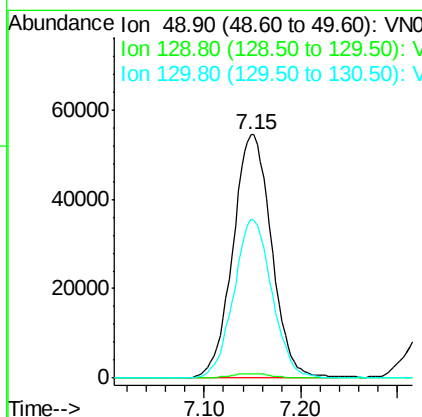
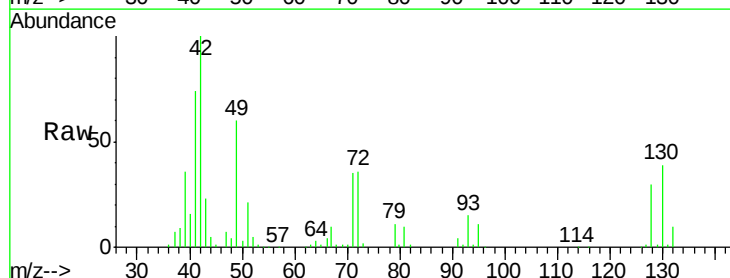
Manual Integrations
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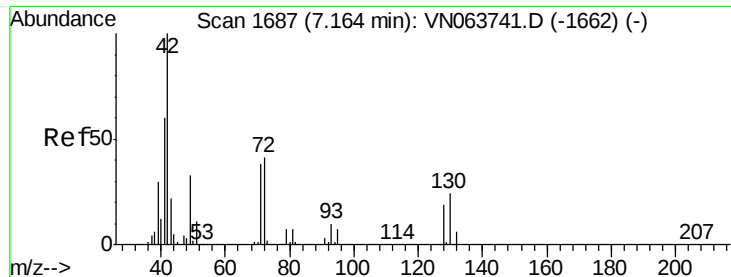
MMDadoda
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#28
 Bromochloromethane
 Concen: 55.977 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	151073		
129	1.8	0.0	4.8	
130	64.5	55.6	83.4	





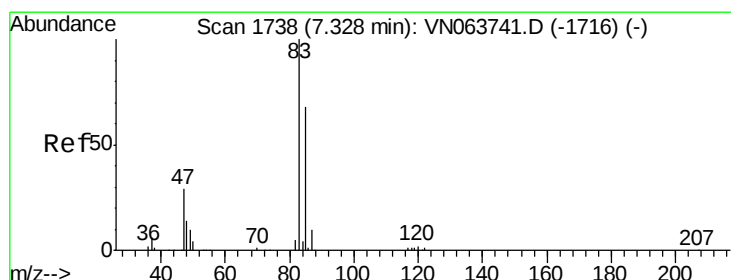
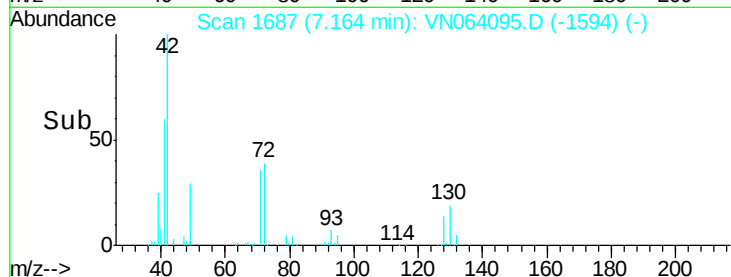
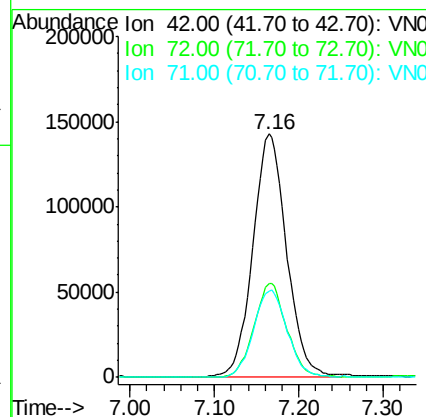
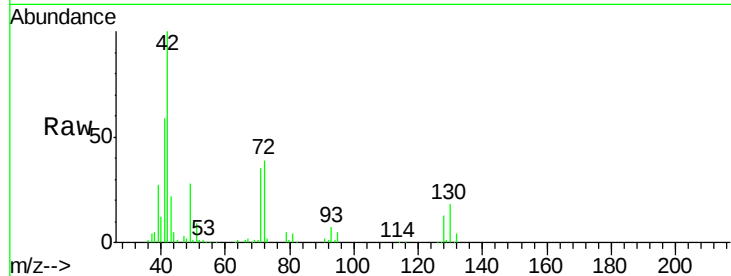
#29
Tetrahydrofuran
Concen: 329.348 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.4	32.8	49.2
71	35.9	30.6	45.8

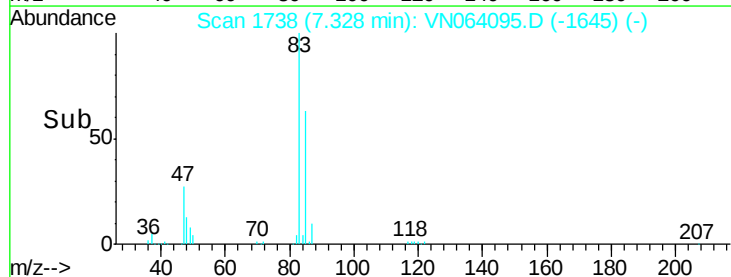
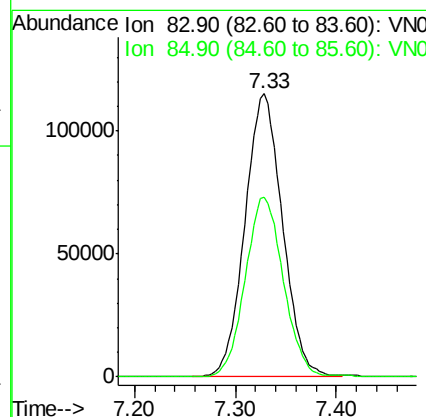
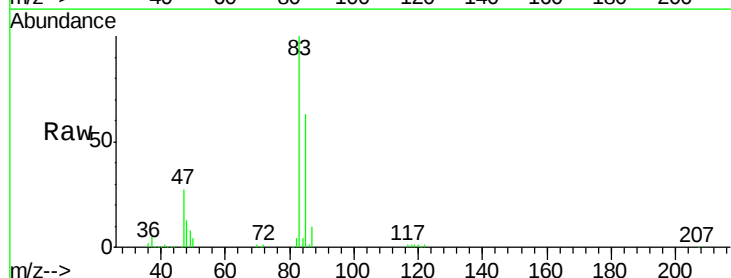
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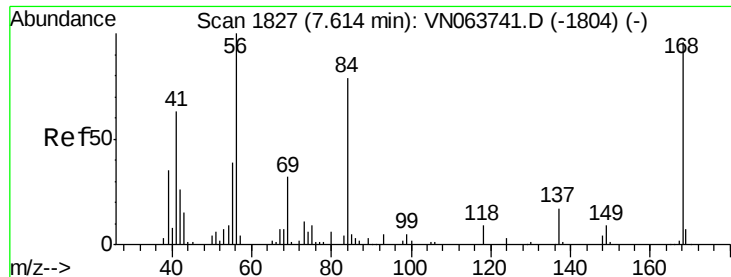
MMDadoda
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#30
Chloroform
Concen: 52.170 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	54.6	82.0





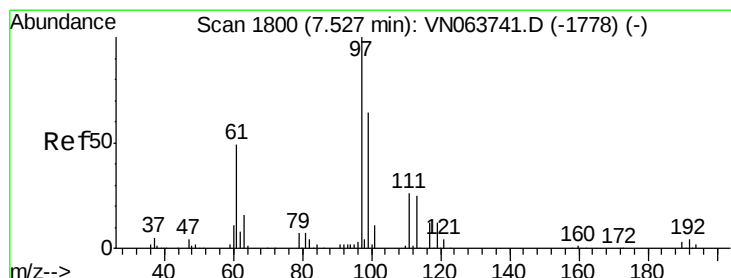
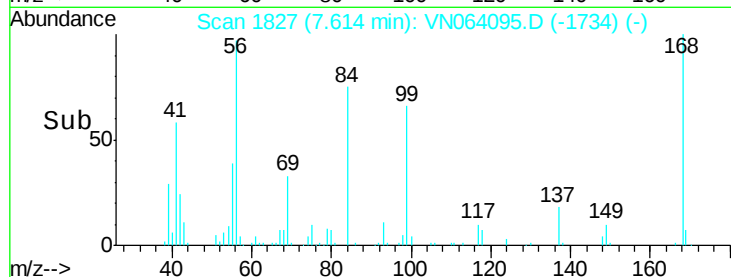
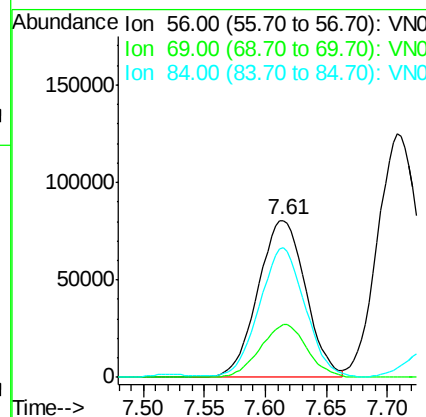
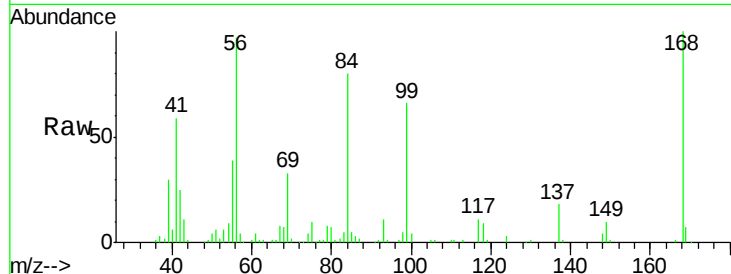
#31
Cyclohexane
Concen: 45.964 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.4	38.2
84	81.0	63.3	94.9

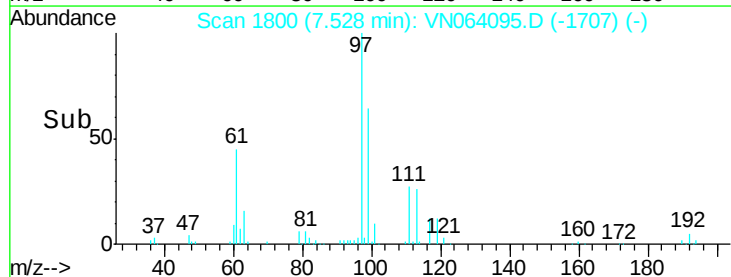
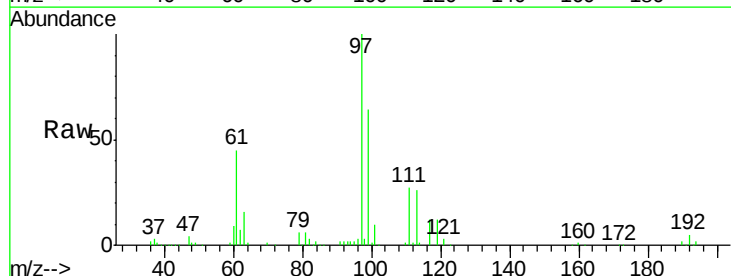
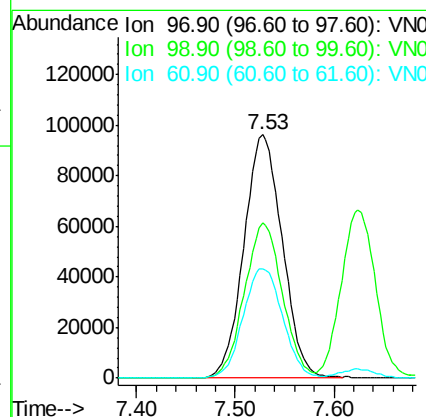
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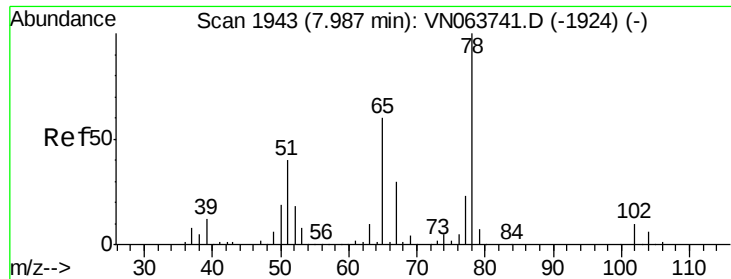
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#32
1,1,1-Trichloroethane
Concen: 50.472 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.6
61	46.5	38.7	58.1





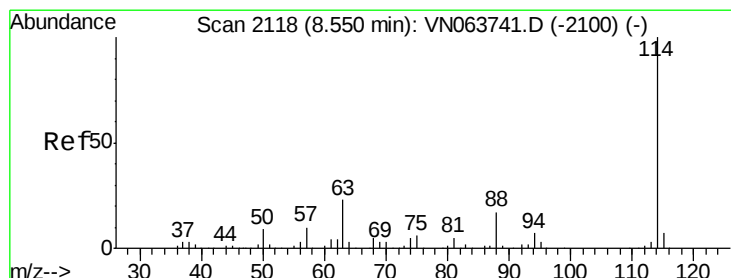
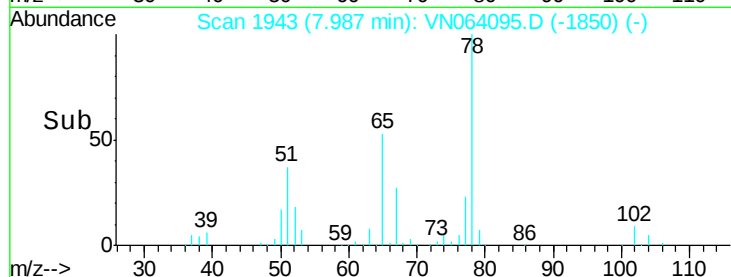
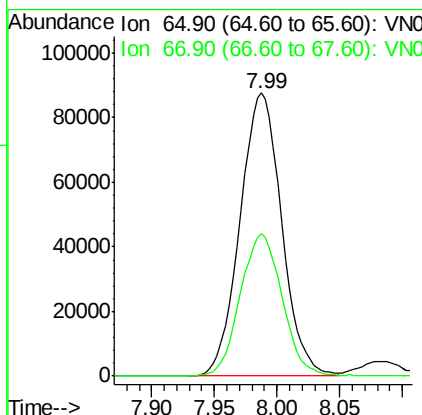
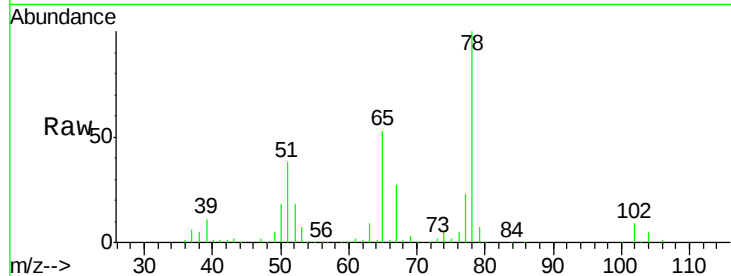
#33
 1,2-Dichloroethane-d4
 Concen: 49.362 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	202342		
67	50.6	0.0	99.6	

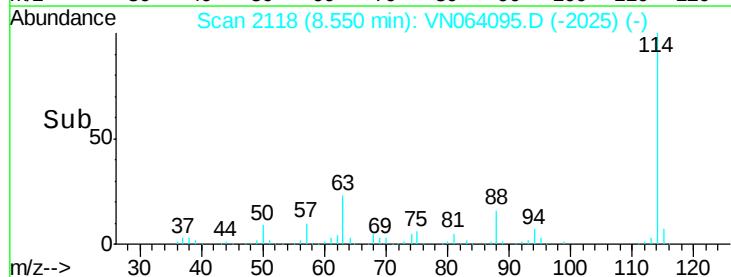
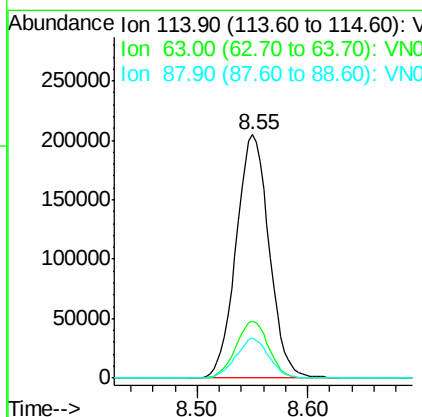
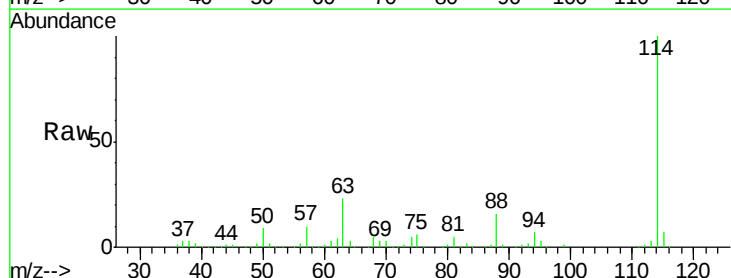
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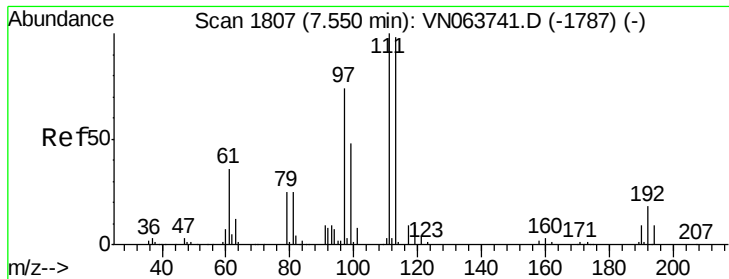
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	424828		
63	23.1	0.0	45.0	
88	16.3	0.0	34.0	





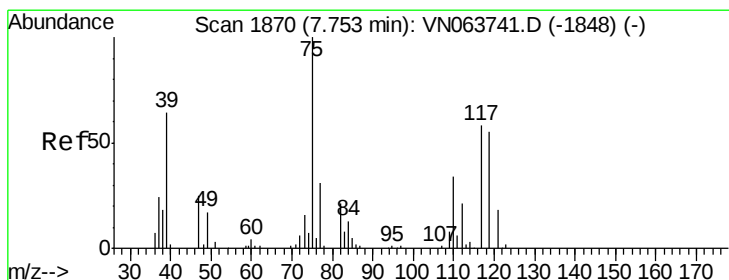
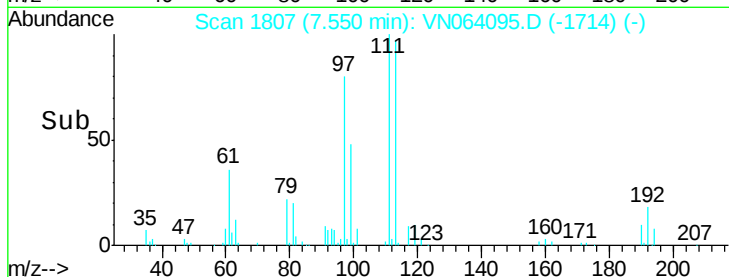
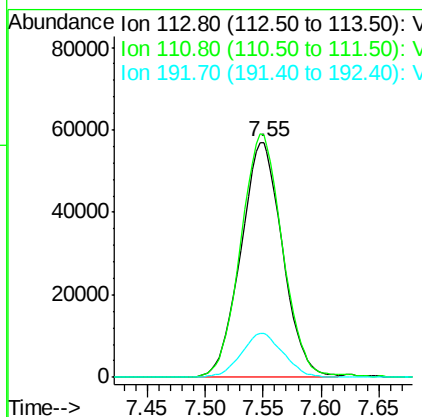
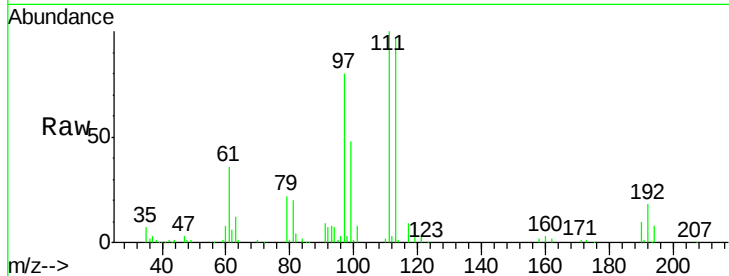
#35
Dibromofluoromethane
Concen: 48.408 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142695		
111	103.5	81.8	122.8	
192	18.9	14.2	21.2	

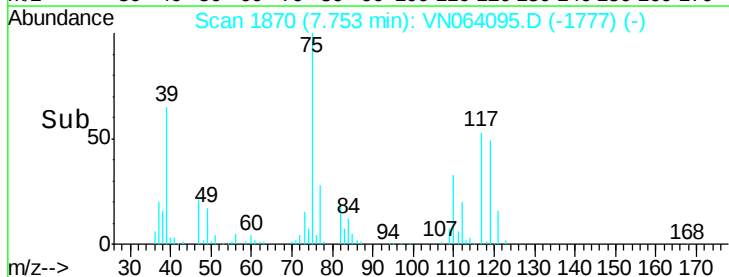
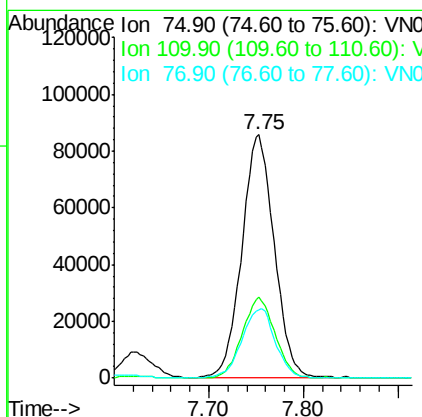
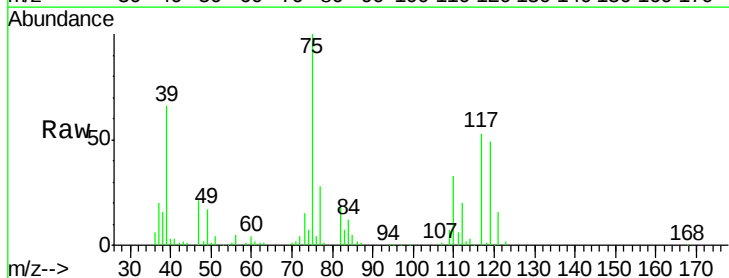
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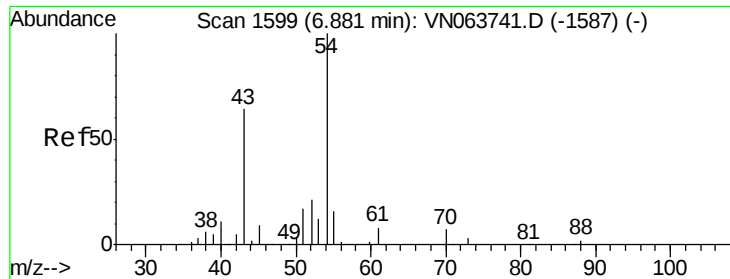
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#36
1,1-Dichloropropene
Concen: 47.588 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	204816		
110	33.2	16.9	50.6	
77	29.6	24.5	36.7	





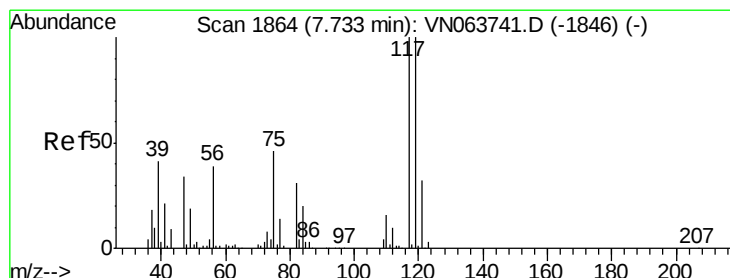
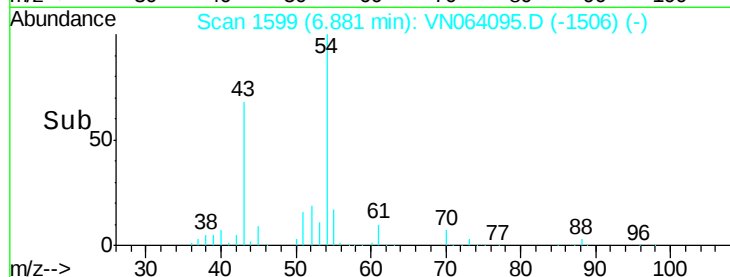
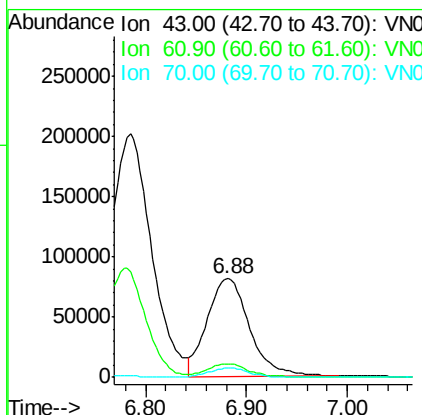
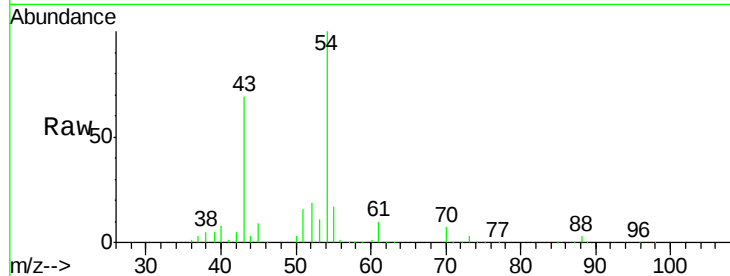
#37
Ethyl Acetate
Concen: 55.547 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.4	15.6
70	8.7	7.3	10.9

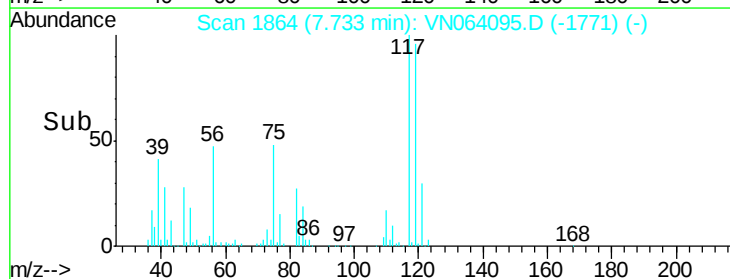
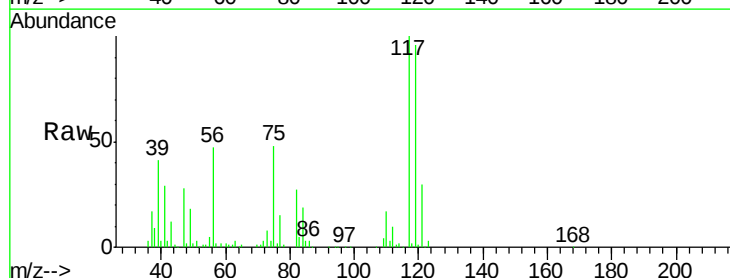
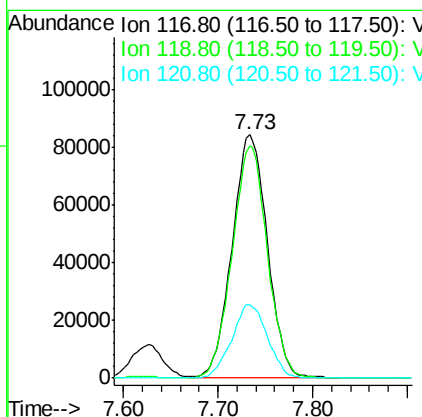
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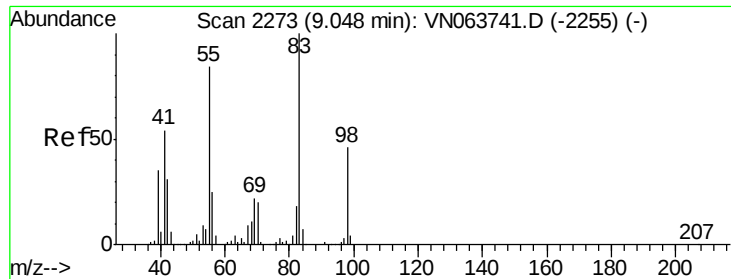
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#38
Carbon Tetrachloride
Concen: 45.250 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	80.1	120.1
121	30.1	25.7	38.5





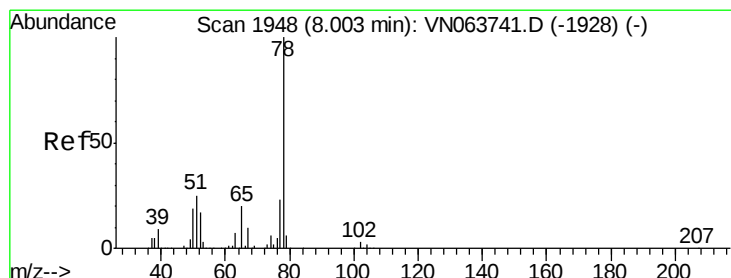
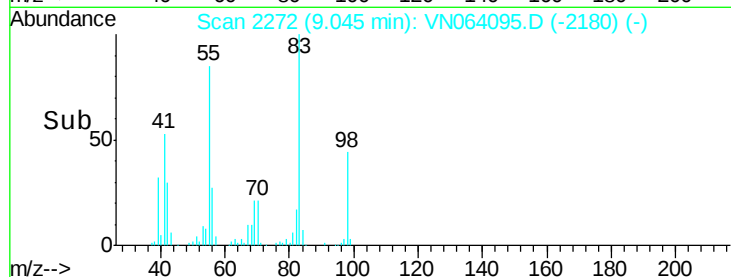
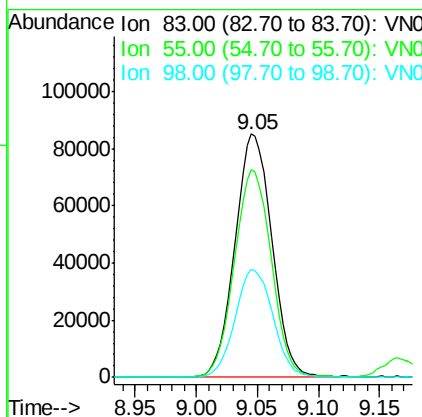
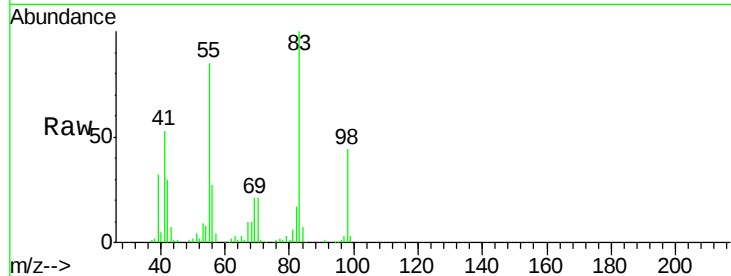
#39
Methylvlcyclohexane
Concen: 41.614 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.1	67.1	100.7
98	44.5	36.6	54.8

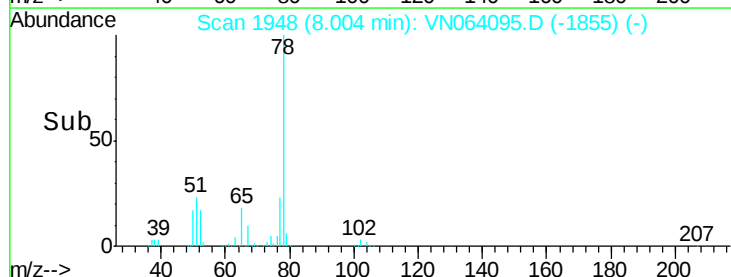
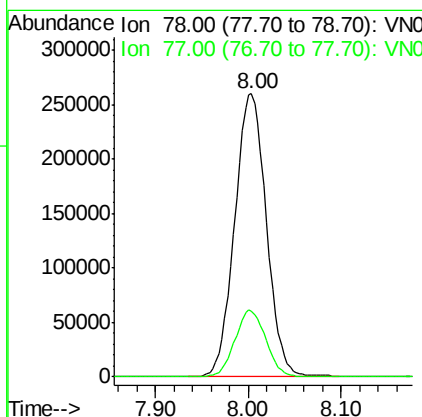
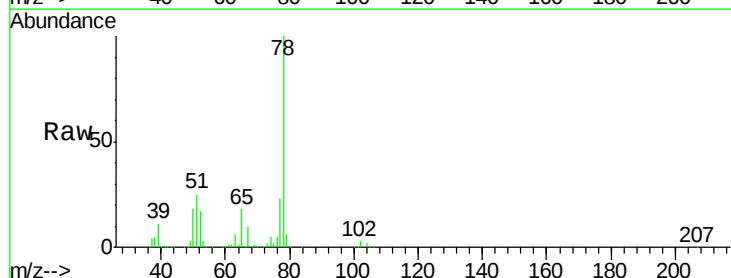
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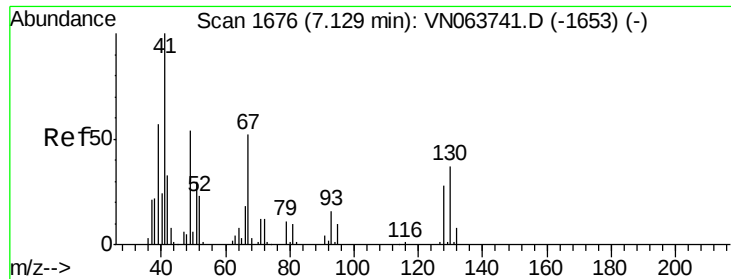
MMDadoda
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#40
Benzene
Concen: 50.225 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





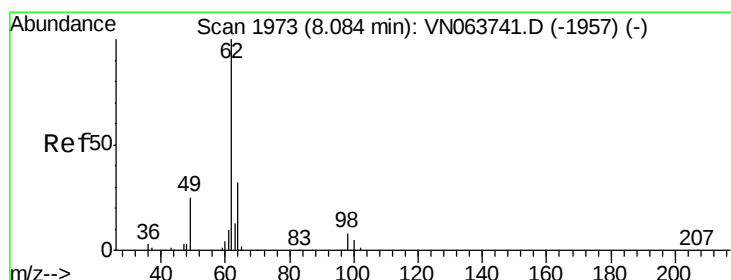
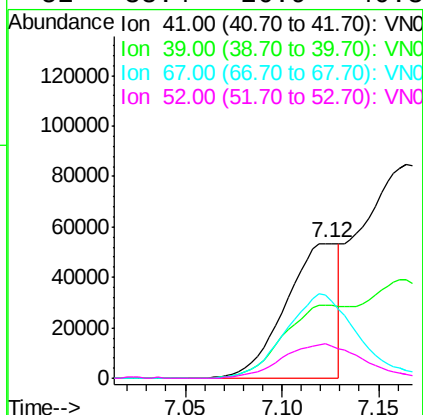
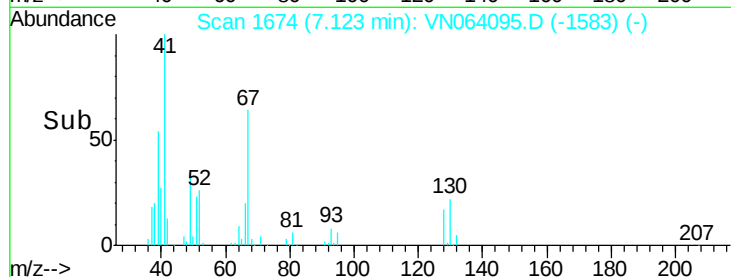
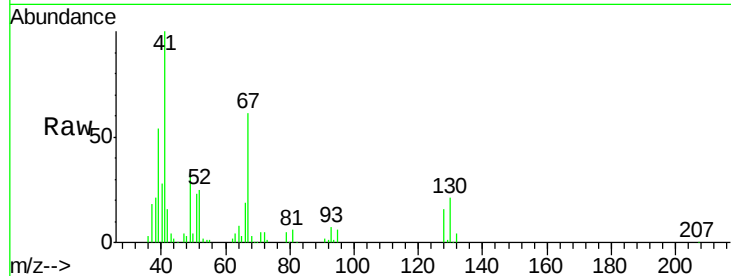
#41
Methacrylonitrile
Concen: 53.166 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	101038
Ion Ratio	Lower	Upper	
41	100		
39	67.1	42.5	63.7#
67	86.8	57.4	86.2#
52	38.4	26.9	40.3

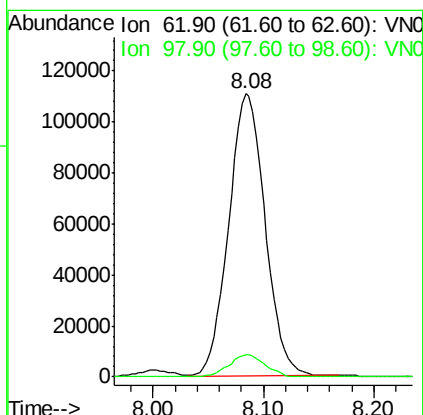
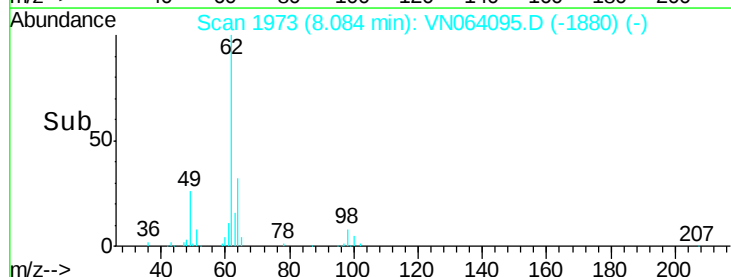
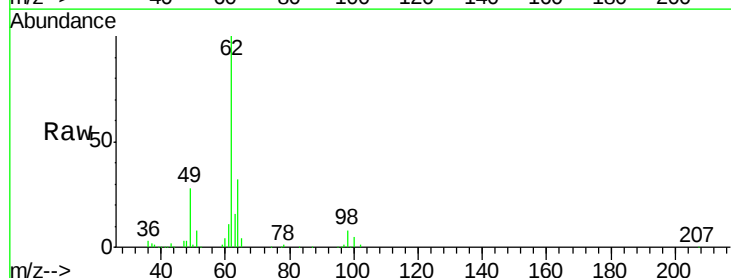
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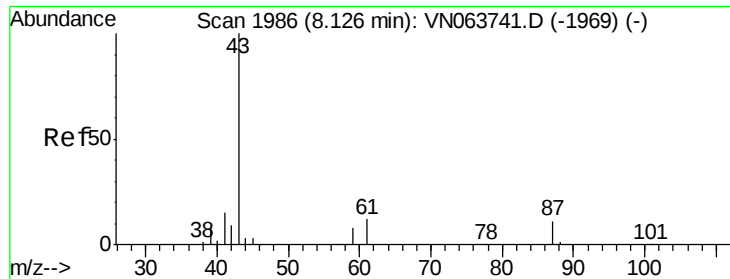
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.316 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	62	Resp	253538
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	15.0





#43

Isopropyl Acetate

Concen: 58.411 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

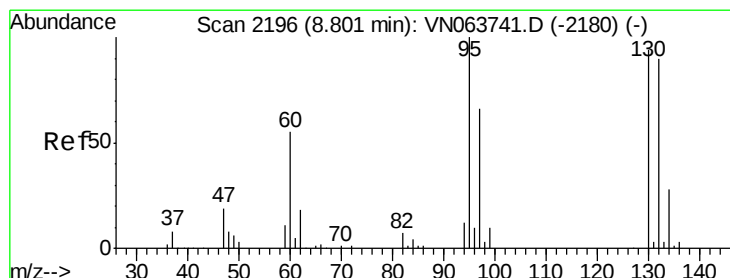
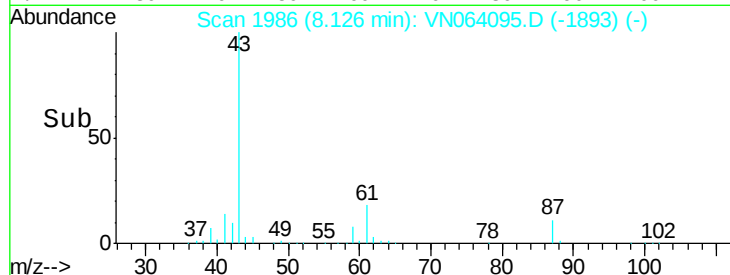
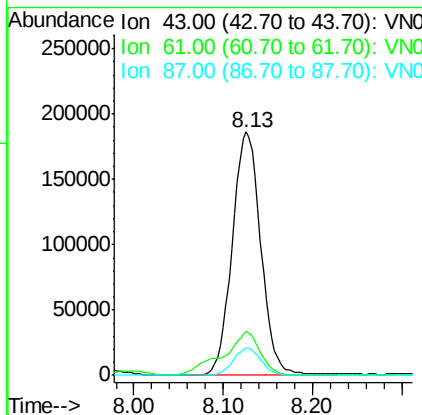
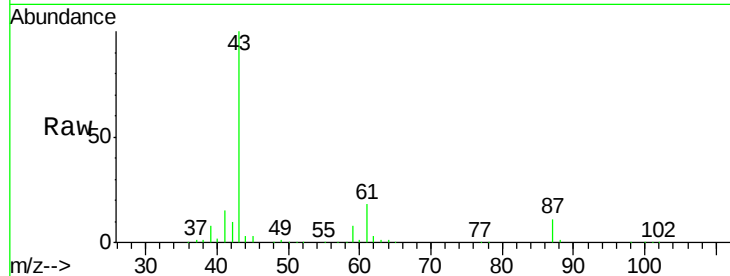
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	411980
Ion	Ratio	Lower	Upper
43	100		
61	23.5	14.2	21.4#
87	11.0	9.0	13.6

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#44

Trichloroethene

Concen: 47.057 ug/l

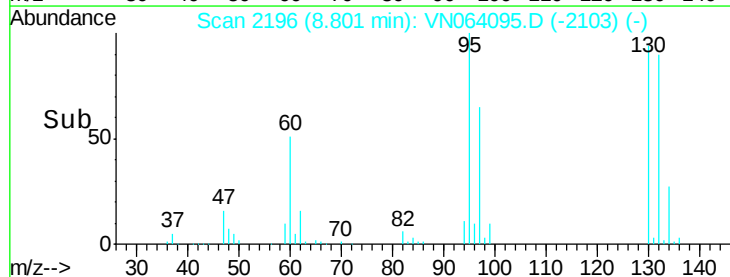
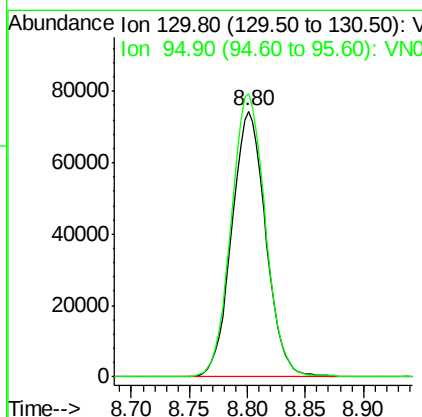
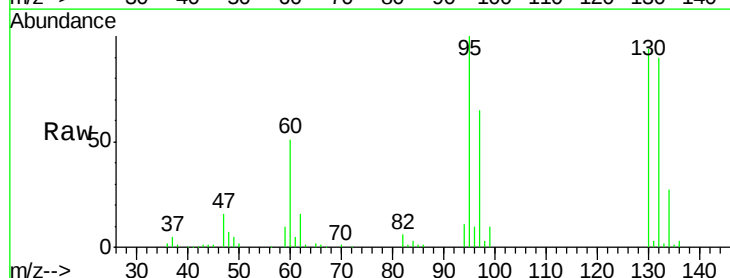
RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion:	130	Resp:	151569
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	213.6





#45

1,2-Dichloropropane

Concen: 53.029 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 176056

Ion Ratio Lower Upper

63 100

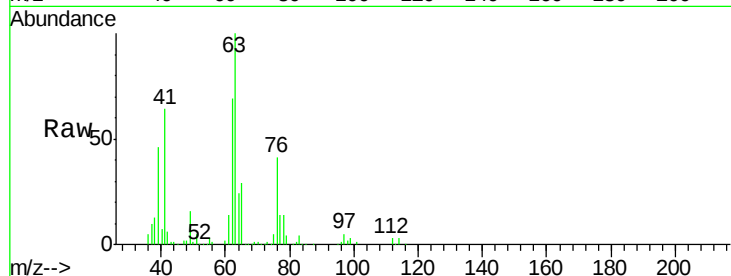
65 29.1 24.7 37.1

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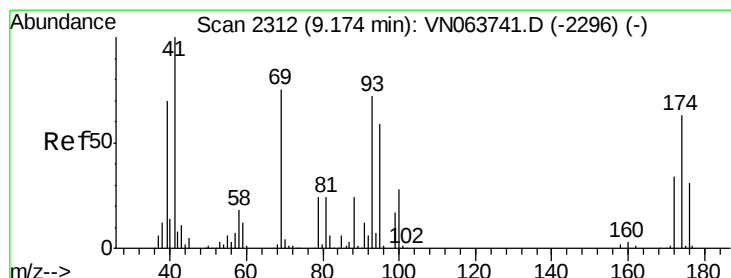
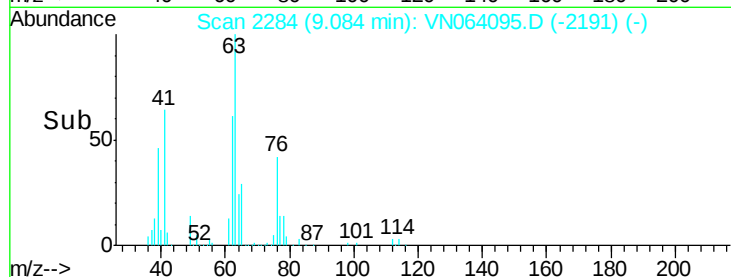
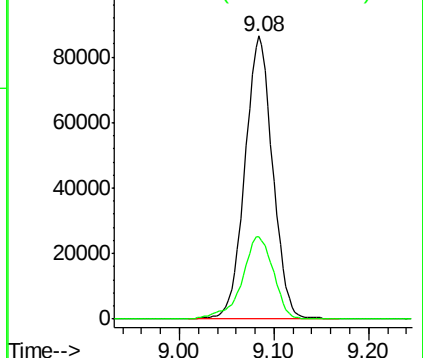
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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 48.902 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

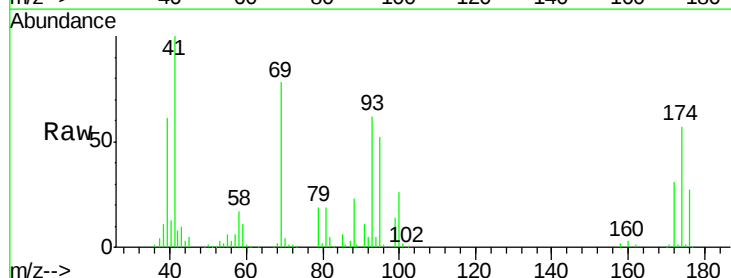
Tgt Ion: 93 Resp: 112000

Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

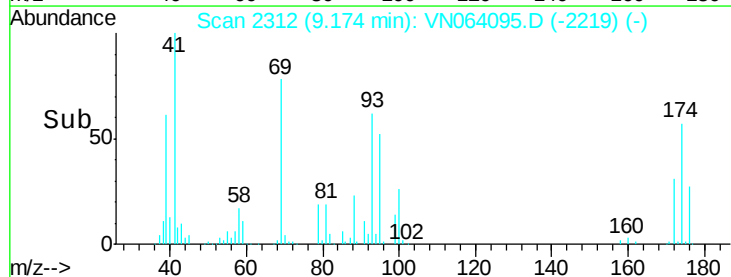
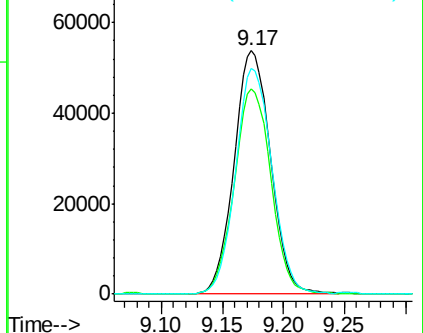
174 91.9 72.7 109.1

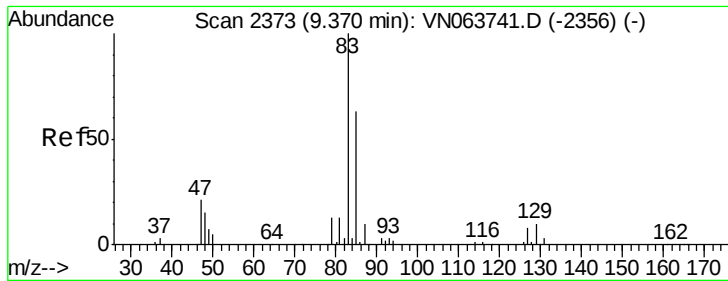


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 50.909 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

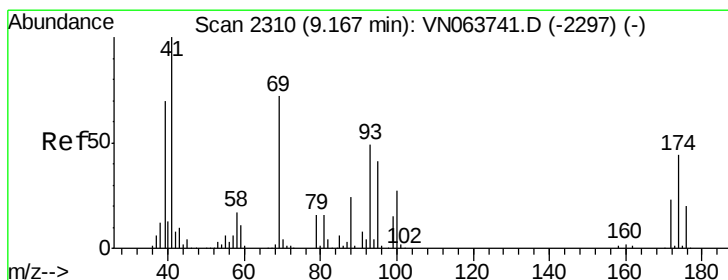
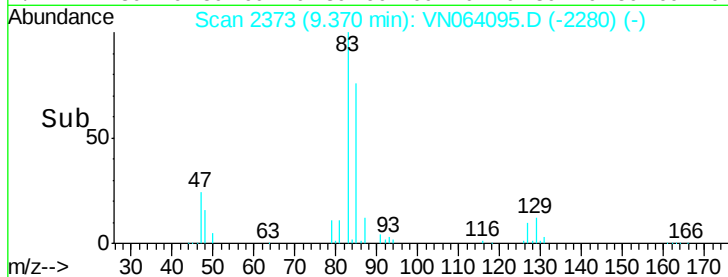
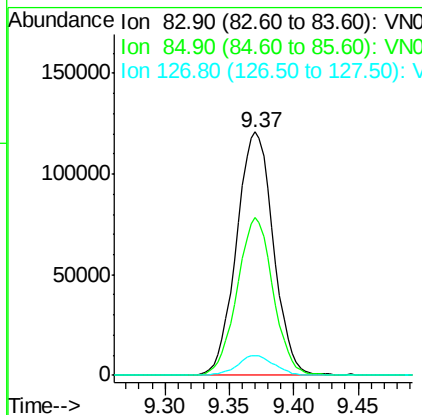
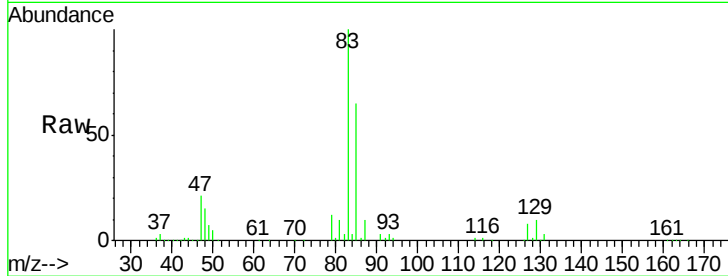
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	240300
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.6	75.8
127	8.1	6.6	9.8

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#48

Methyl methacrylate

Concen: 58.118 ug/l

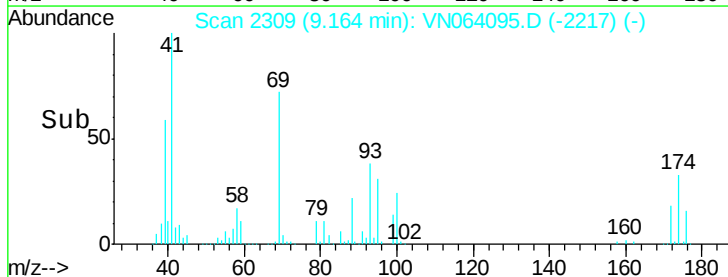
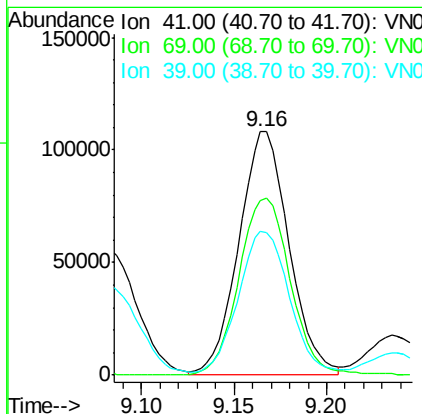
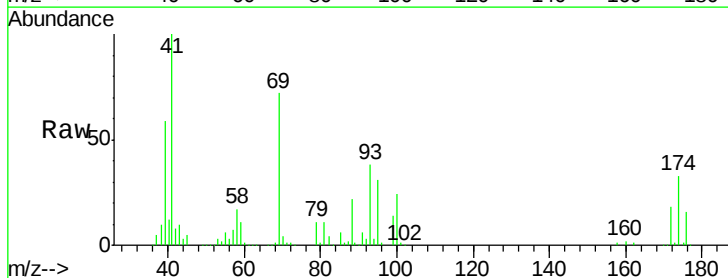
RT: 9.16 min Scan# 2309

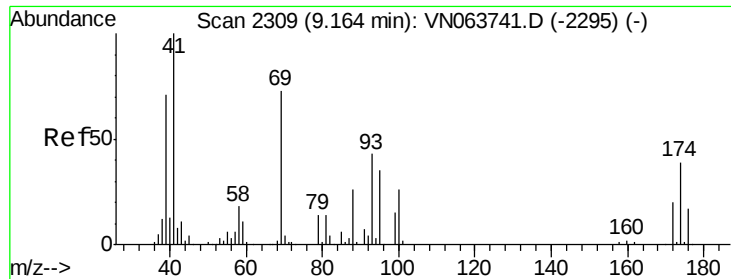
Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion:	41	Resp:	202521
Ion Ratio	Lower	Upper	
41	100		
69	75.7	60.9	91.3
39	60.7	57.5	86.3





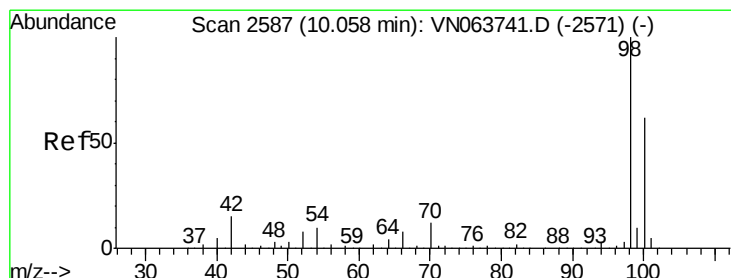
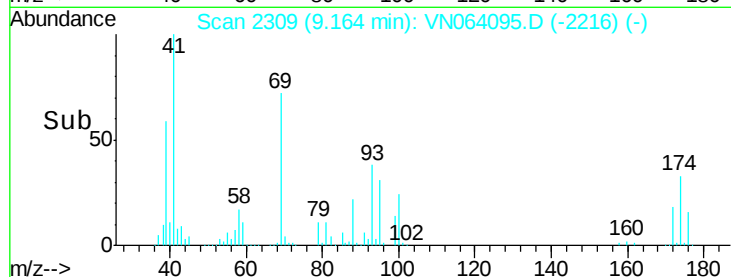
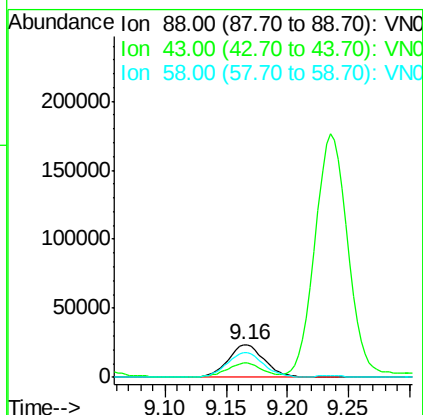
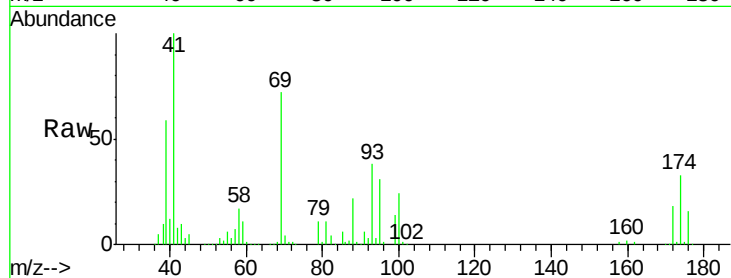
#49
1,4-Dioxane
Concen: 990.958 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.8	33.1	49.7
58	77.0	58.9	88.3

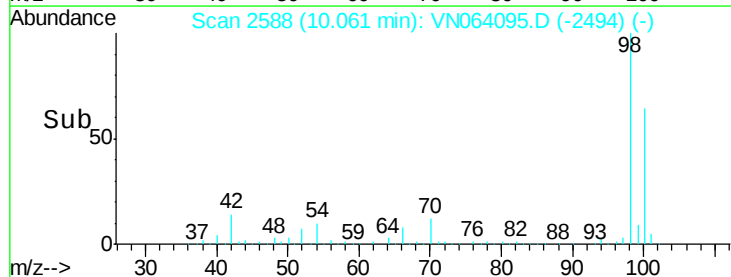
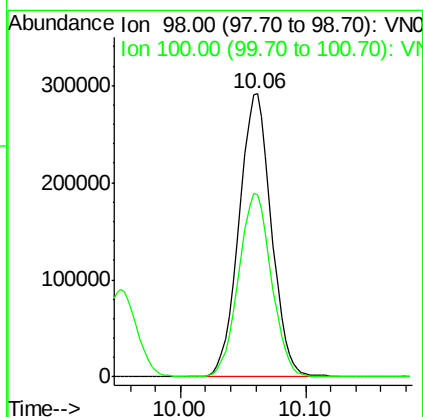
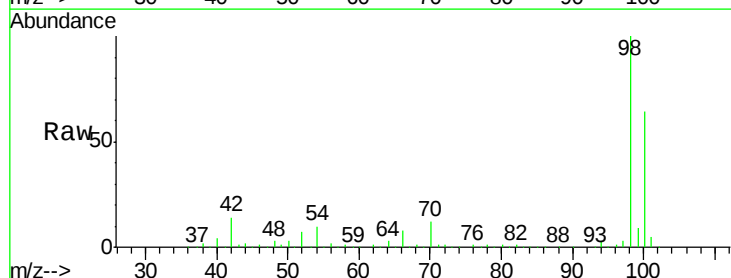
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#50
Toluene-d8
Concen: 46.780 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	49.8	74.6





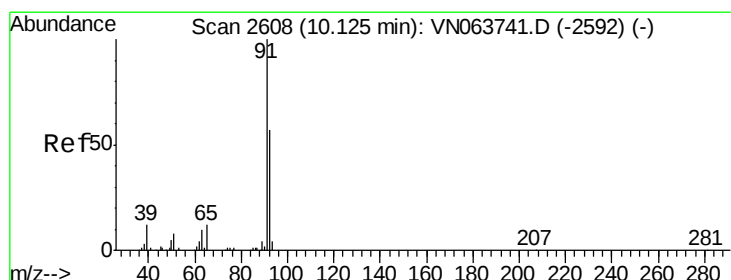
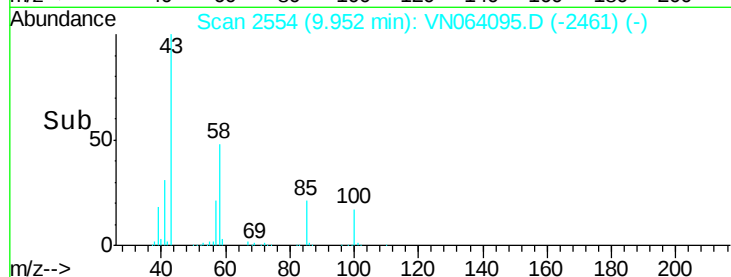
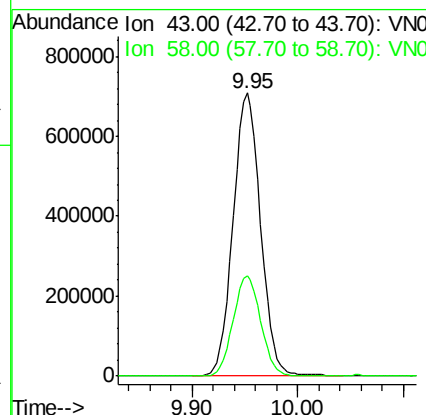
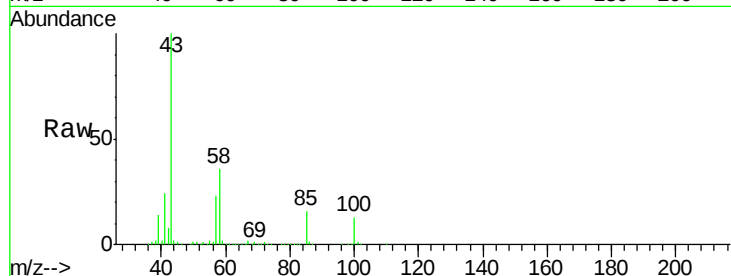
#51
 4-Methyl-2-Pentanone
 Concen: 307.695 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1273573
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.4 42.6

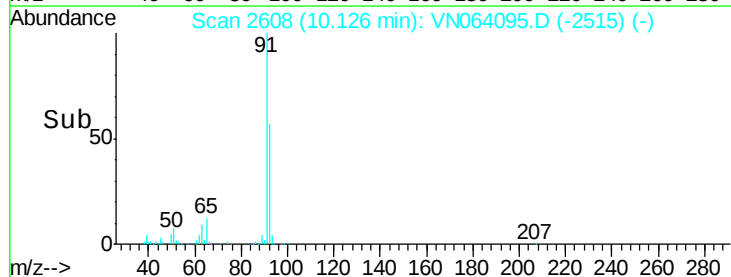
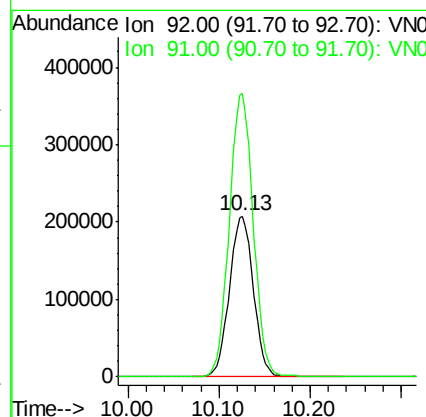
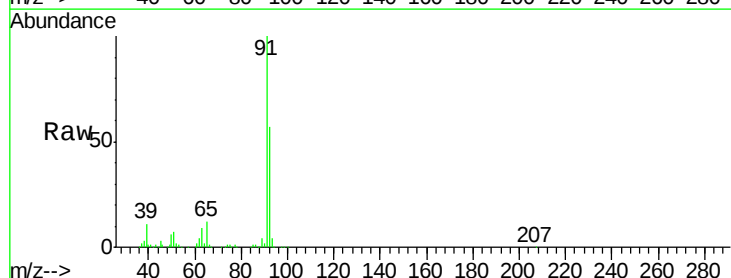
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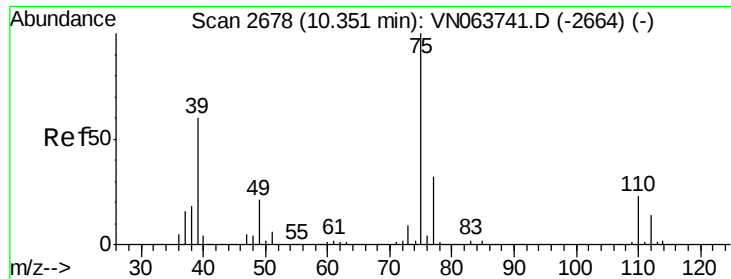
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#52
 Toluene
 Concen: 50.049 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 92 Resp: 380558
 Ion Ratio Lower Upper
 92 100
 91 175.9 140.6 210.8





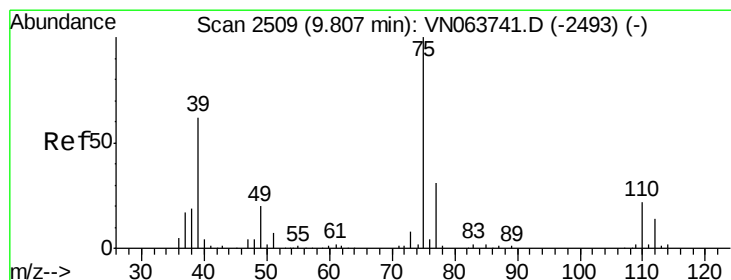
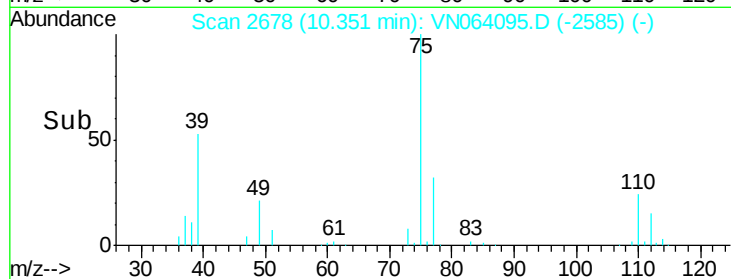
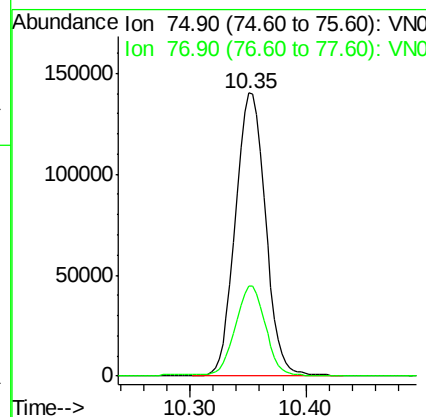
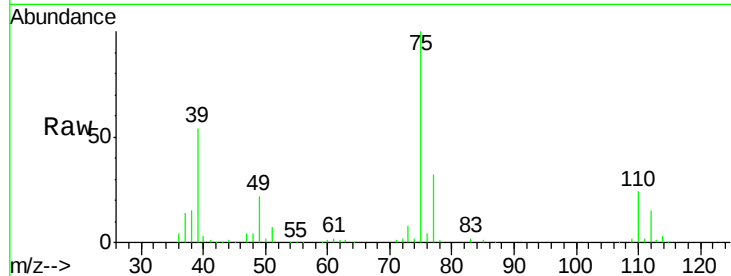
#53
t-1,3-Dichloropropene
Concen: 49.803 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 251987
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9

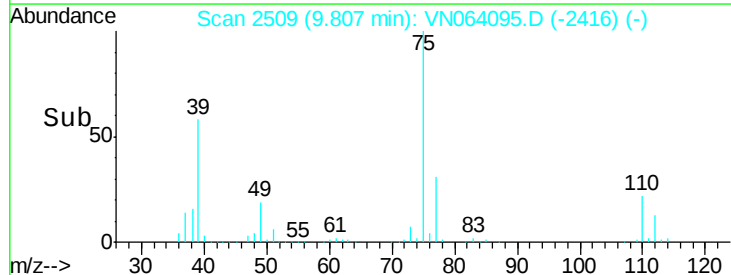
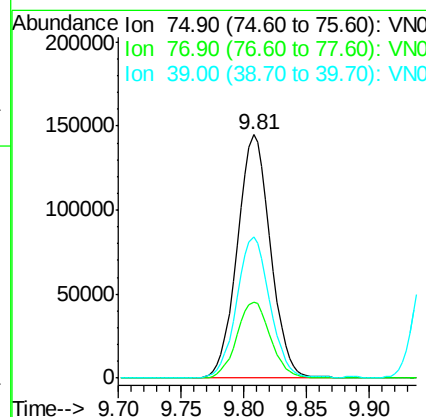
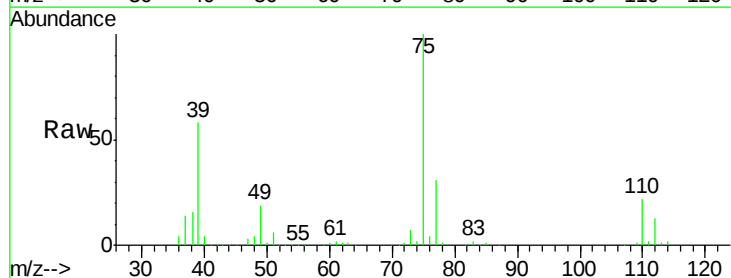
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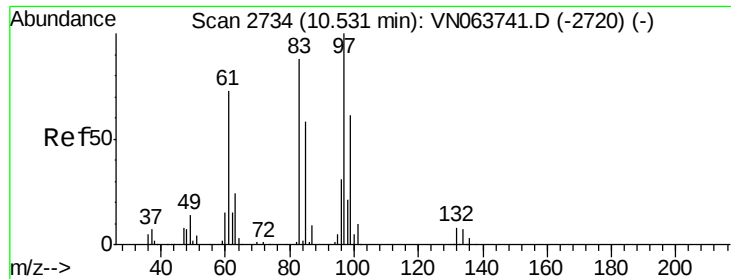
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#54
cis-1,3-Dichloropropene
Concen: 50.318 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 75 Resp: 266263
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 57.9 49.7 74.5





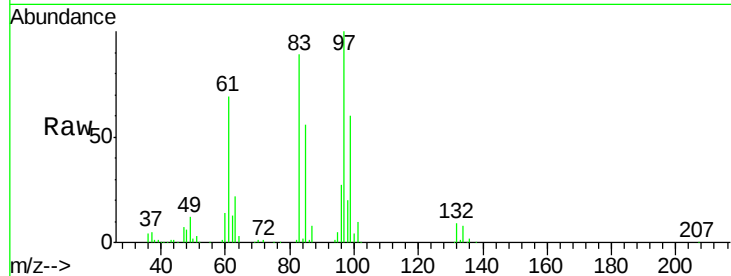
#55
 1,1,2-Trichloroethane
 Concen: 52.788 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	160969
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.7	106.1
85	55.8	46.1	69.1
99	59.7	48.8	73.2

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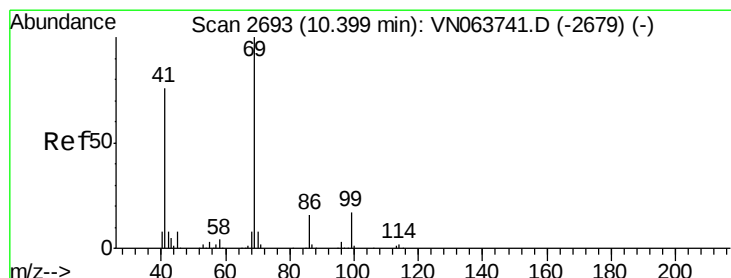
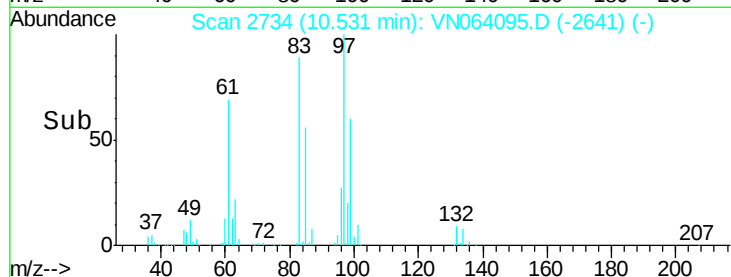
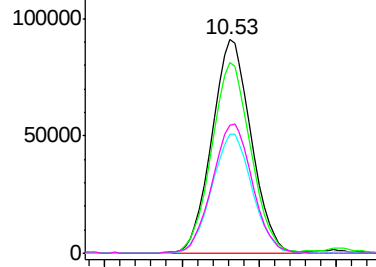


Abundance Ion 96.90 (96.60 to 97.60): VN064095.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN064095.D (-2641) (-)

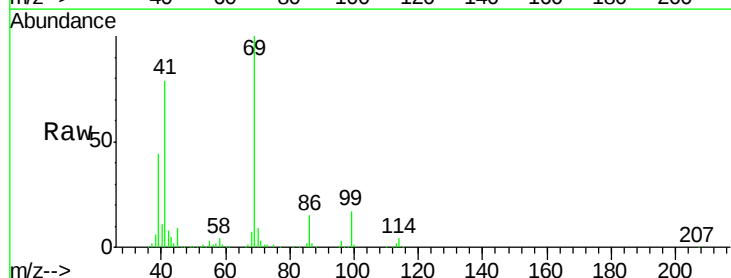
Ion 84.90 (84.60 to 85.60): VN064095.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN064095.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 57.691 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

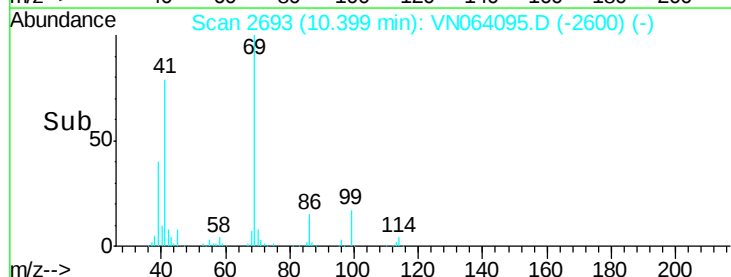
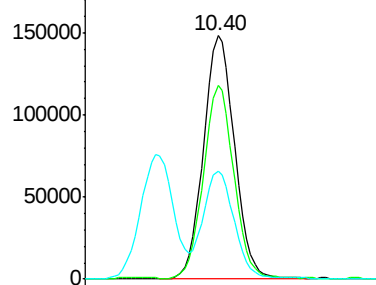
Tgt Ion:	69	Resp:	249357
Ion	Ratio	Lower	Upper
69	100		
41	77.3	61.1	91.7
39	44.2	42.2	63.4

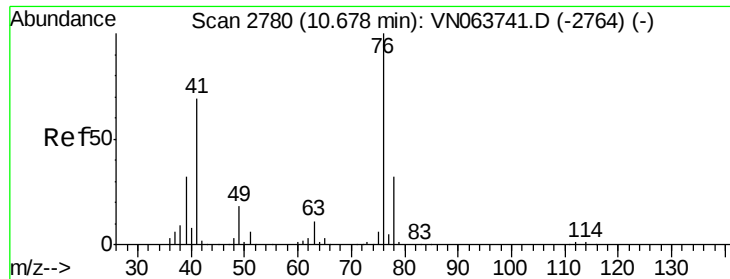


Abundance Ion 69.00 (68.70 to 69.70): VN064095.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064095.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064095.D (-2600) (-)





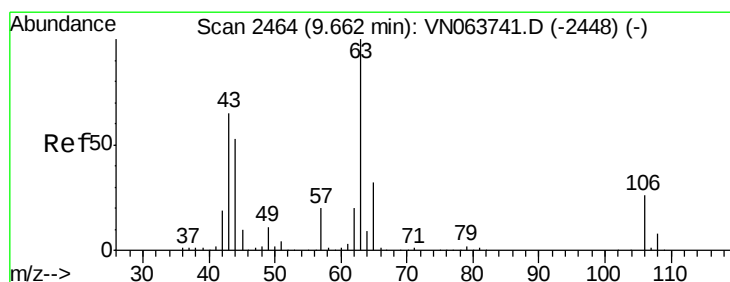
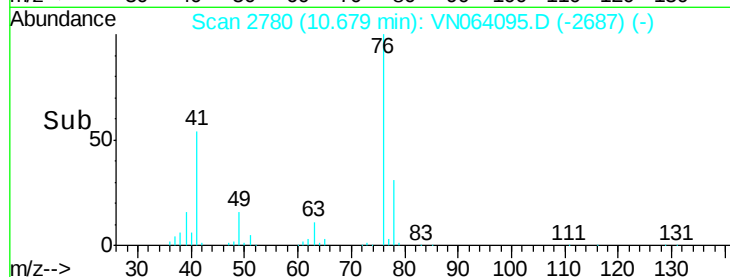
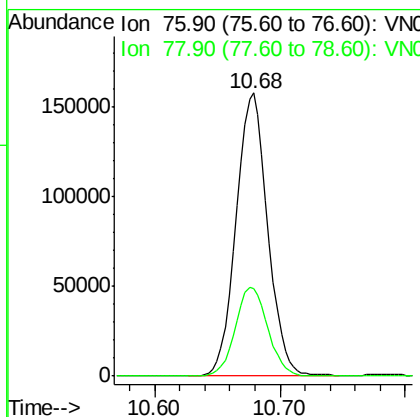
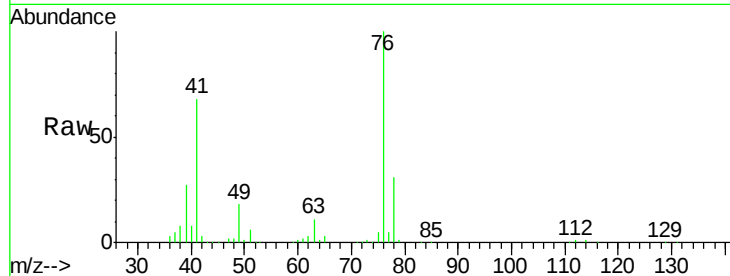
#57
 1,3-Dichloropropane
 Concen: 53.601 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 276528
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8

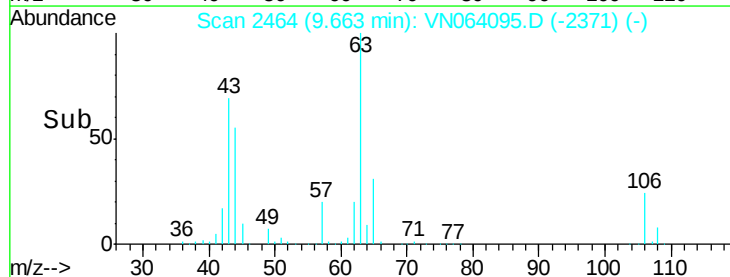
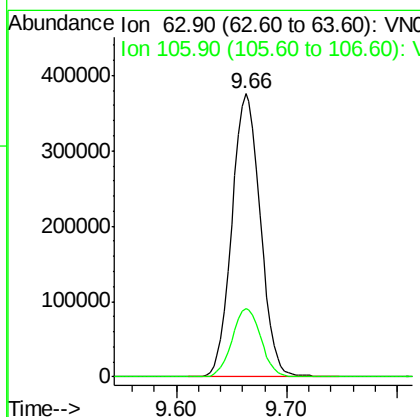
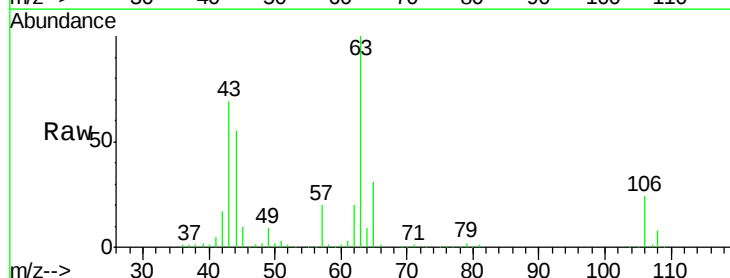
Manual Integrations
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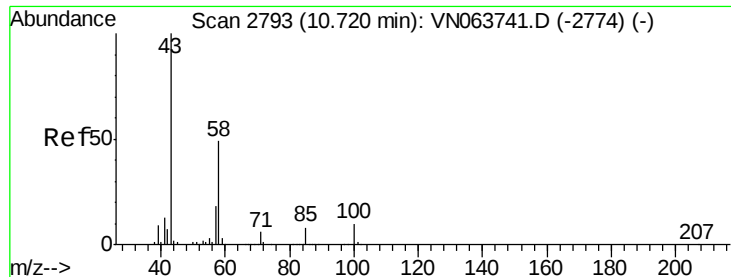
MMDadoda
 10/13/2020 4:09:57 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.871 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 63 Resp: 672511
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.7 31.1





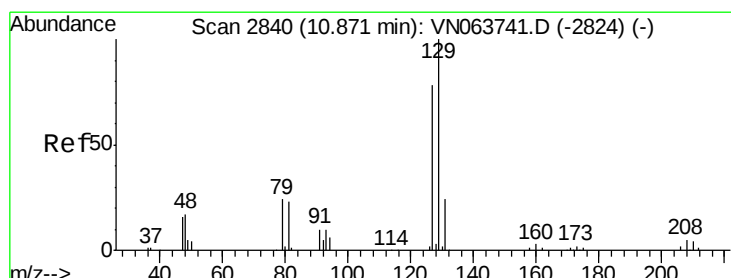
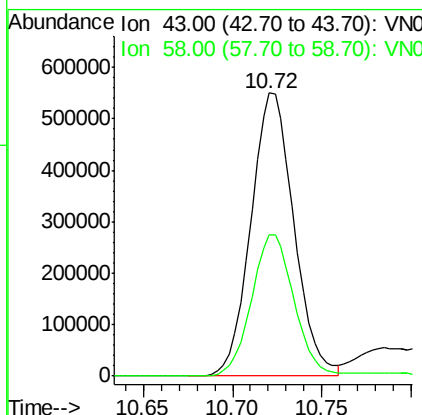
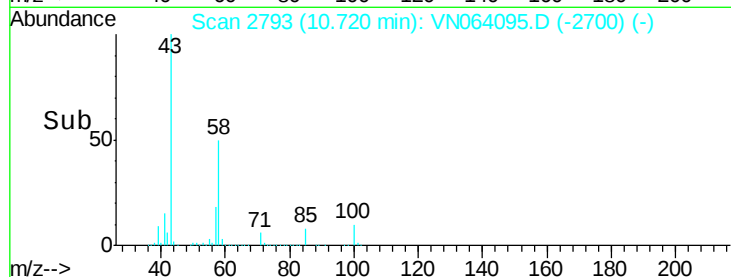
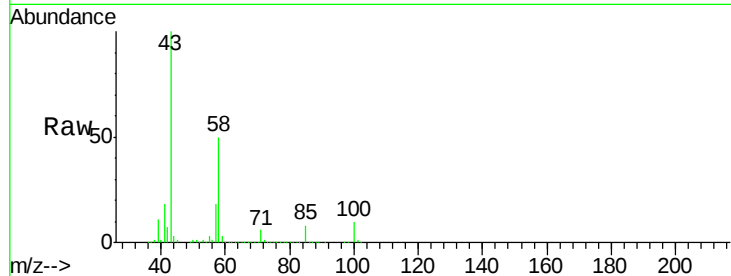
#59
2-Hexanone
Concen: 301.132 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 925908
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.8

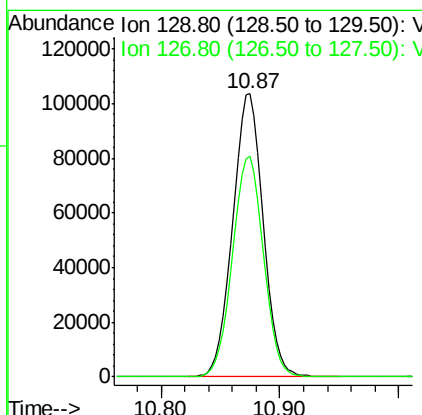
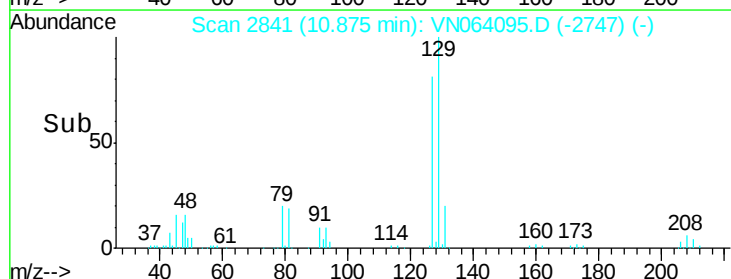
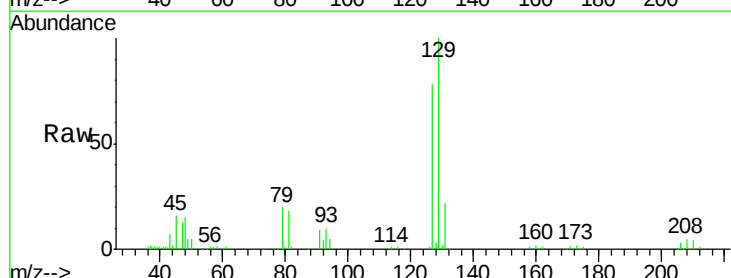
Manual Integrations
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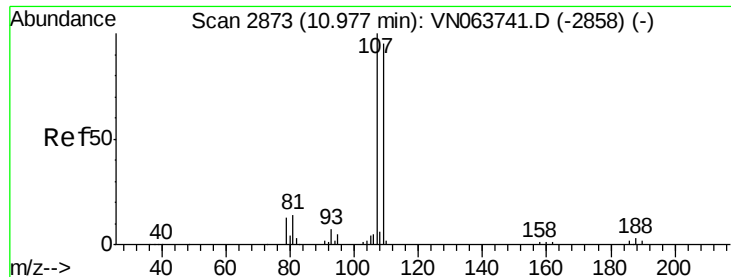
MMDadoda
10/13/2020 4:09:57 PM



#60
Dibromochloromethane
Concen: 51.895 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 129 Resp: 184292
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.163 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 165830

Ion Ratio Lower Upper

107 100

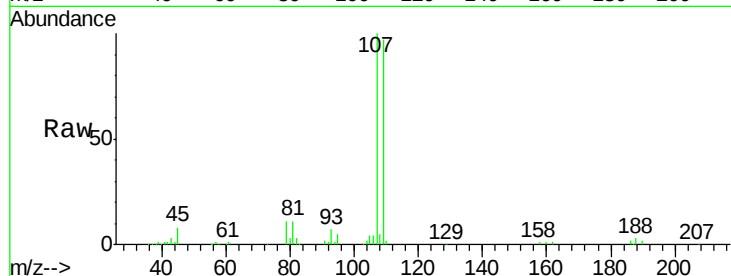
109 94.8 74.8 112.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

80000

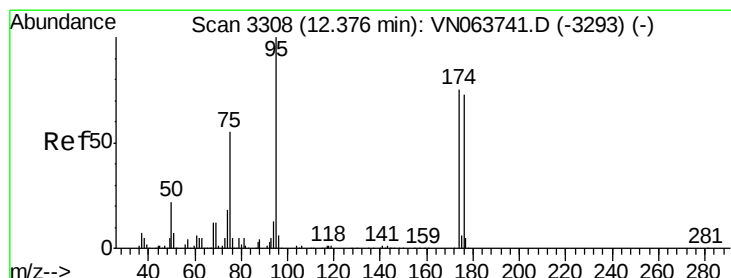
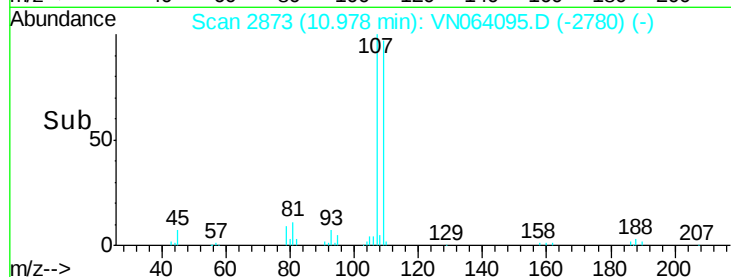
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.698 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

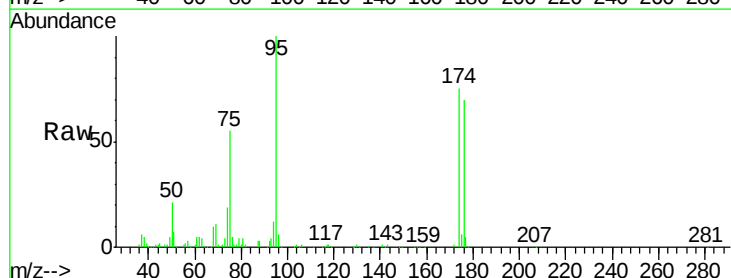
Tgt Ion: 95 Resp: 200366

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.6

176 70.0 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

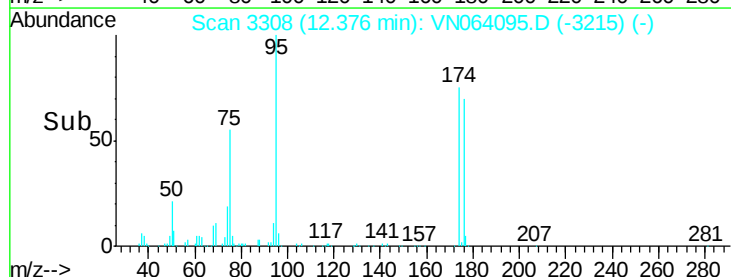
150000

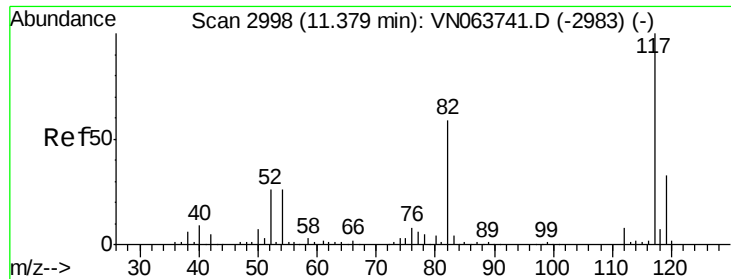
100000

50000

0

Time-->





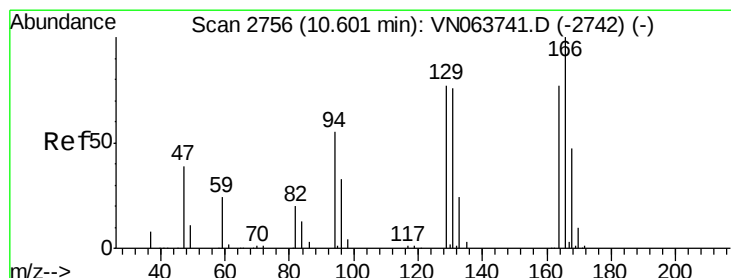
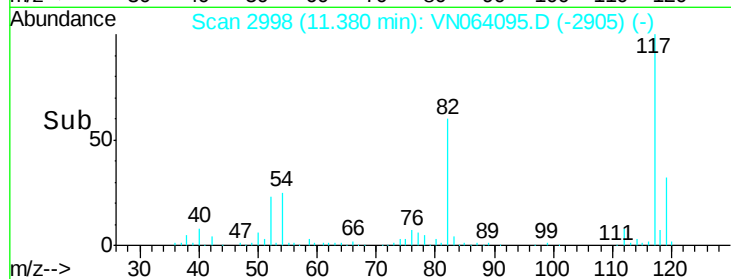
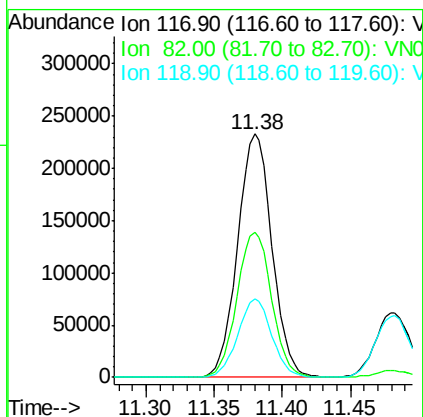
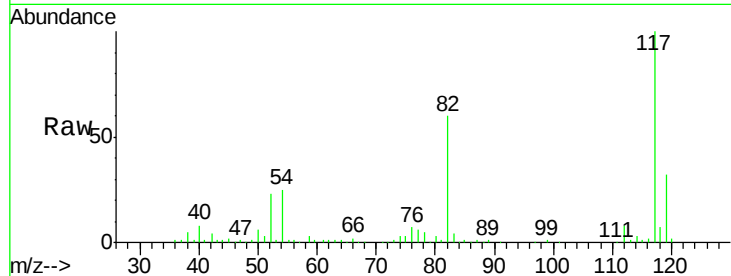
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.4	26.4	39.6

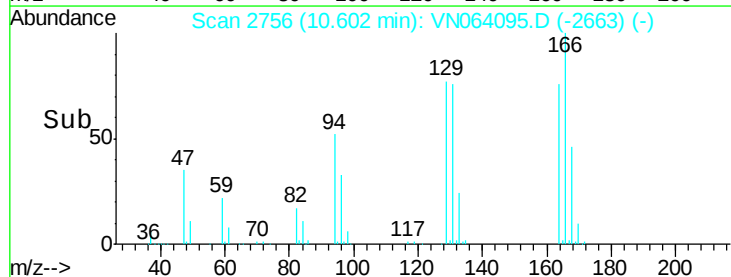
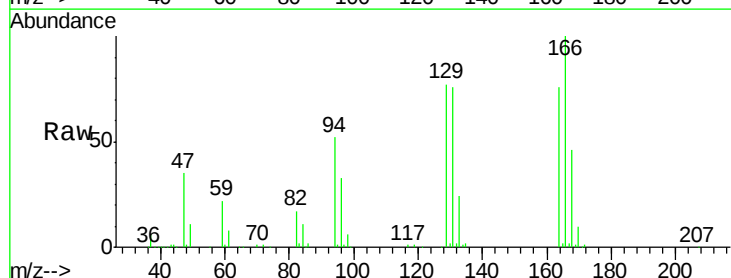
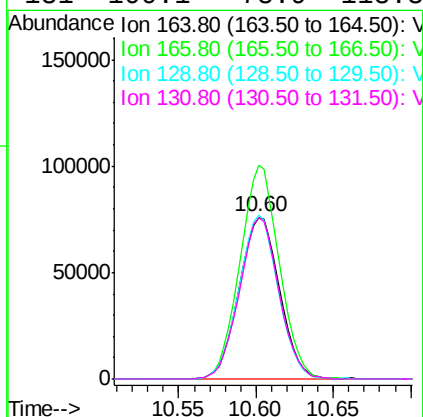
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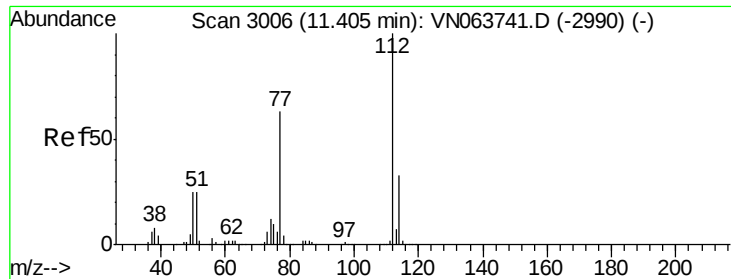
MMDadoda
10/13/2020 4:09:57 PM



#64
Tetrachloroethene
Concen: 43.852 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.1	103.9	155.9
129	101.6	80.3	120.5
131	100.1	78.9	118.3





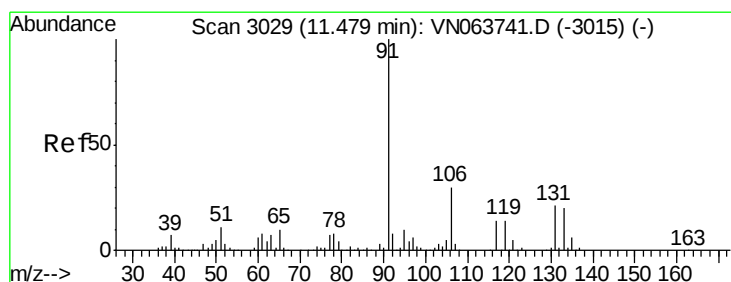
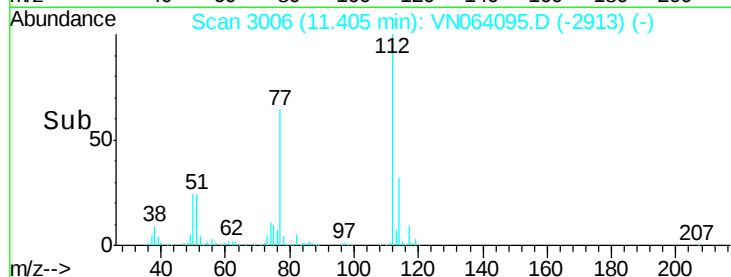
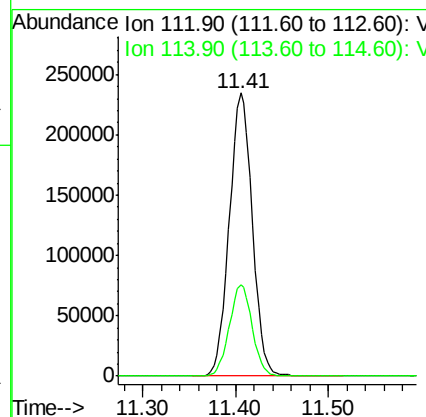
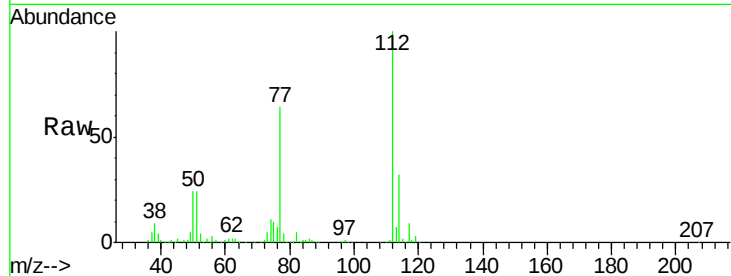
#65
Chlorobenzene
Concen: 48.214 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 403626
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1

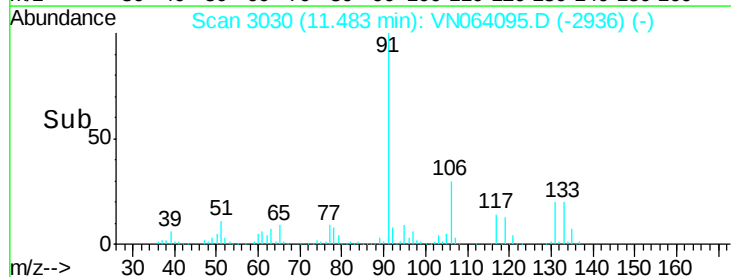
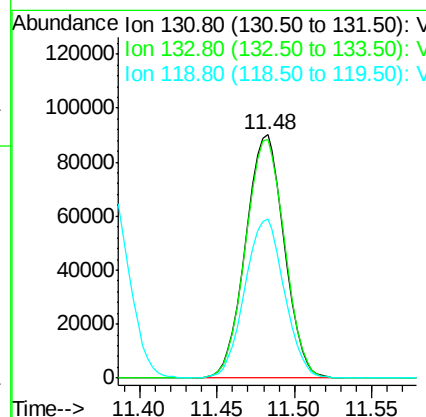
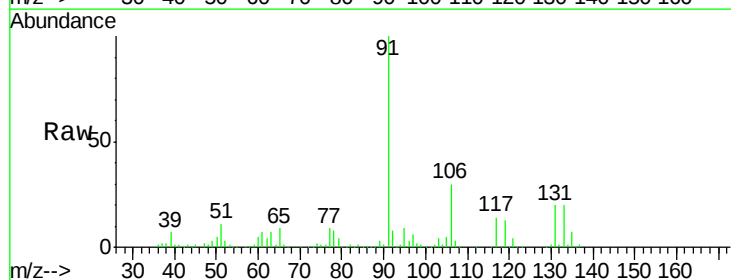
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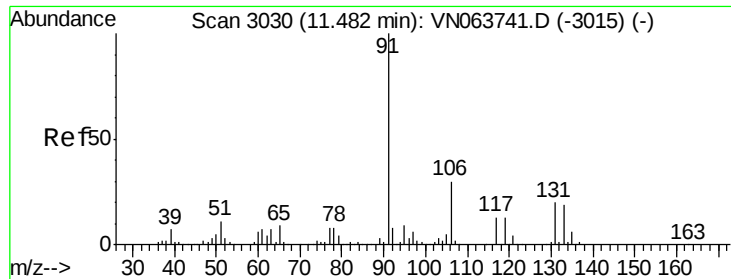
MMDadoda
10/13/2020 4:09:57 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.081 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion:131 Resp: 157521
Ion Ratio Lower Upper
131 100
133 99.2 47.3 141.8
119 66.5 32.6 97.7





#67

Ethyl Benzene

Concen: 48.771 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 742933

Ion Ratio Lower Upper

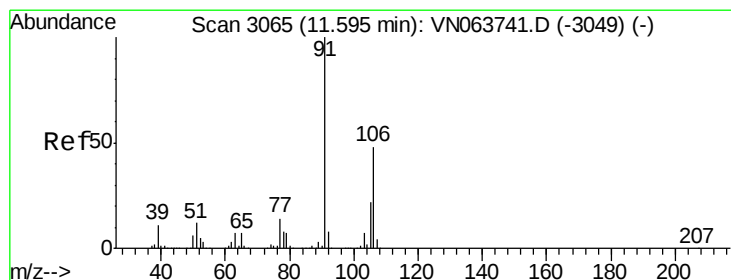
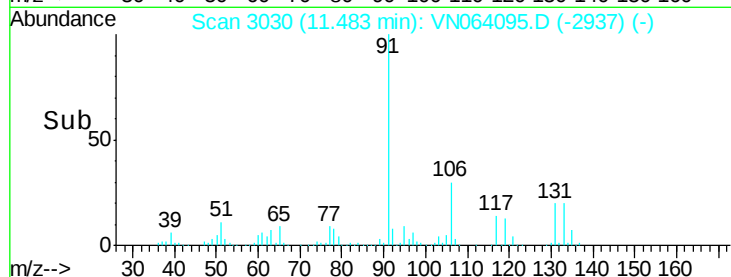
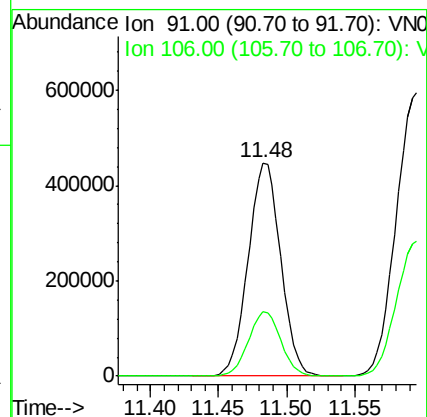
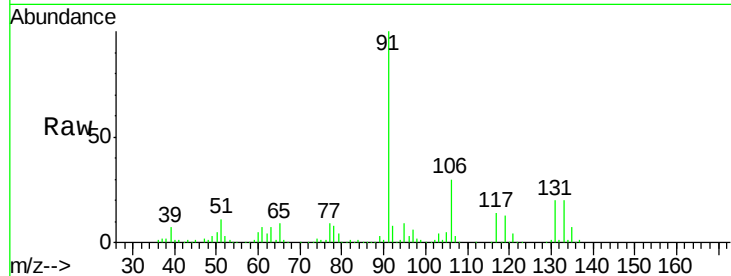
91 100

106 29.9 24.2 36.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.532 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064095.D

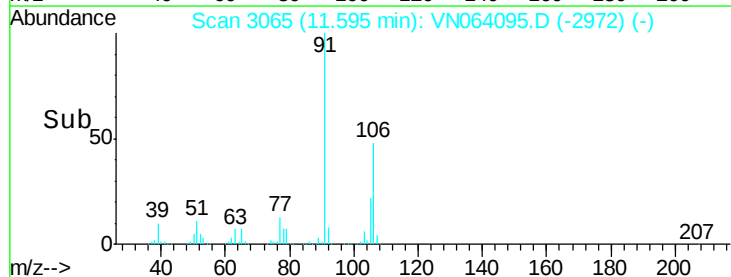
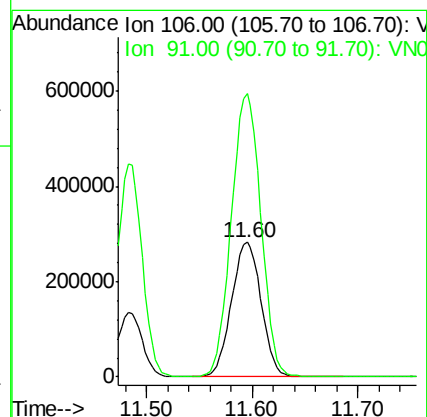
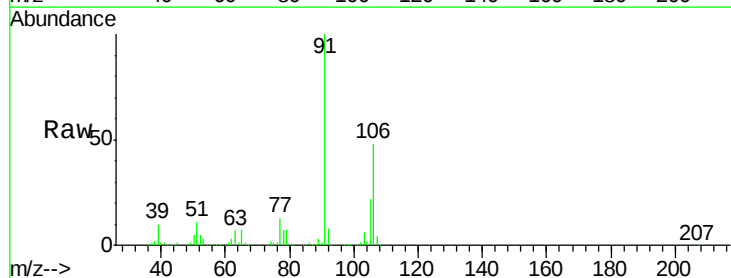
Acq: 12 Oct 2020 22:14

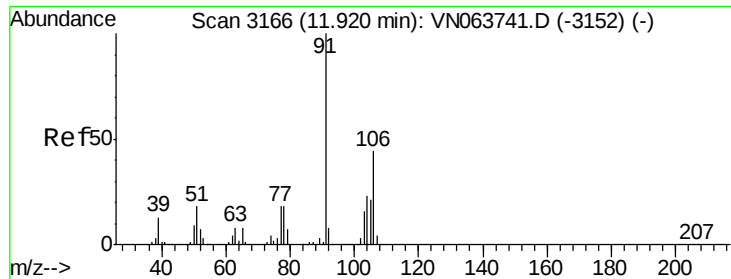
Tgt Ion: 106 Resp: 548053

Ion Ratio Lower Upper

106 100

91 210.5 168.0 252.0





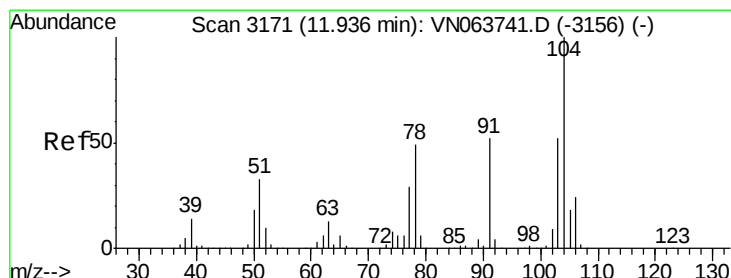
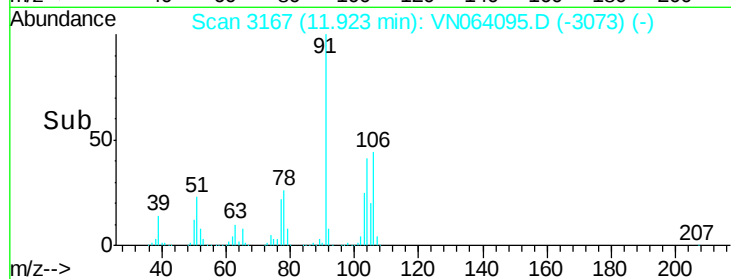
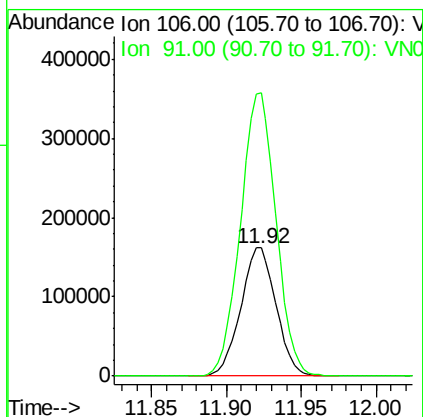
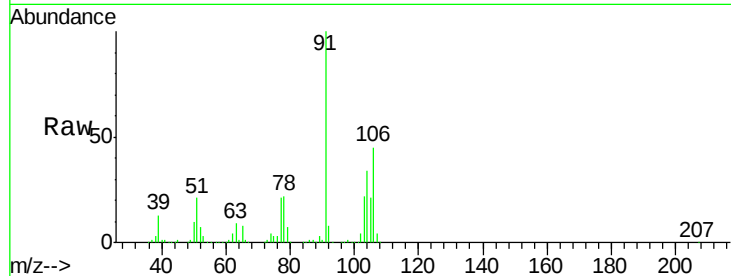
#69
o-Xylene
Concen: 50.111 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		265911		
91	222.2	112.7	338.0		

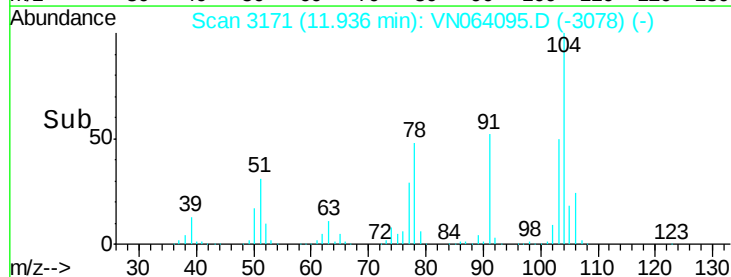
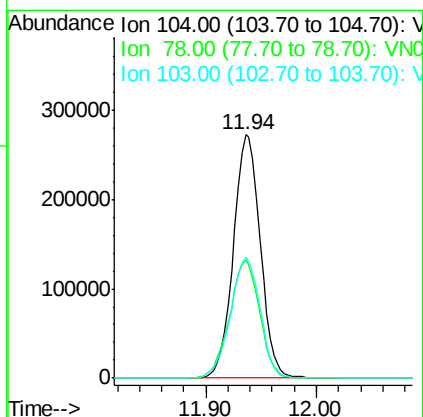
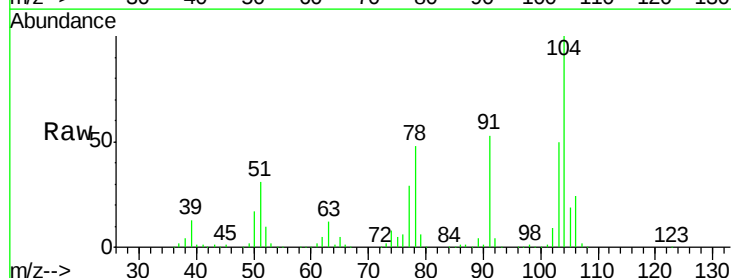
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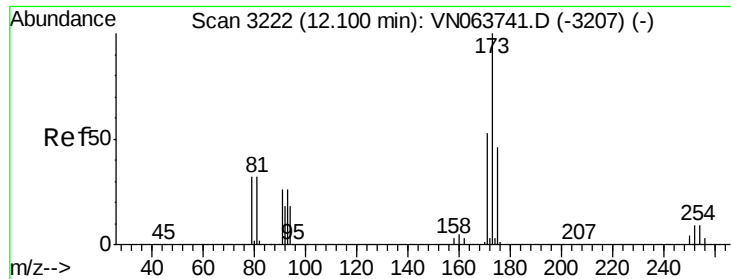
MMDadoda
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#70
Styrene
Concen: 51.262 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		461745		
78	53.9	44.1	66.1		
103	54.8	44.3	66.5		





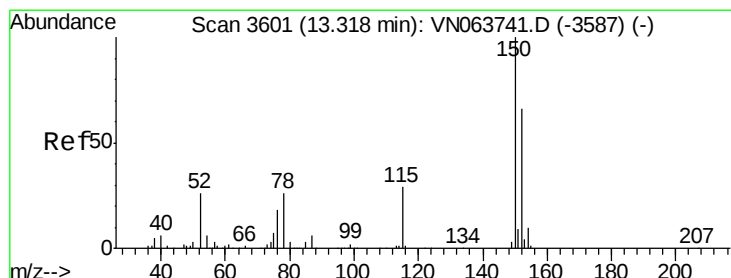
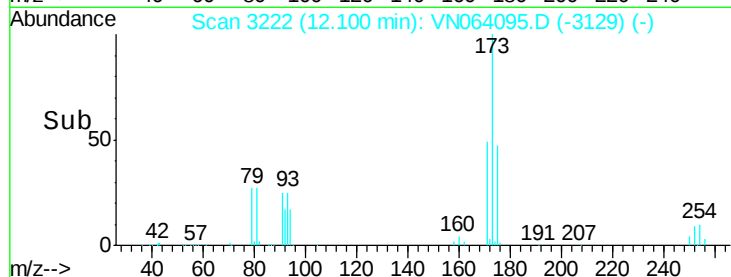
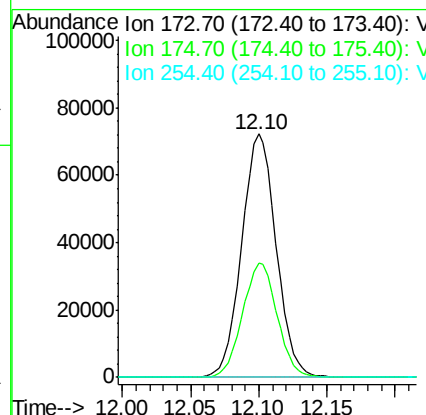
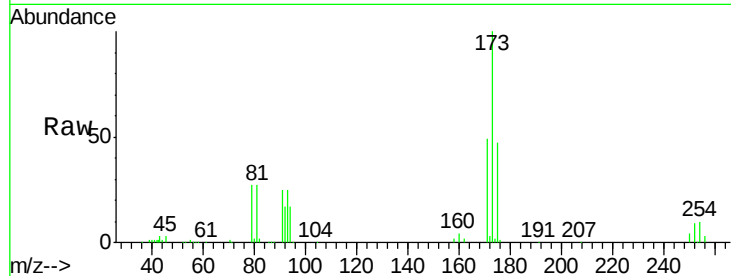
#71
Bromoform
Concen: 51.583 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.5	70.5
254	0.0	0.0	0.0

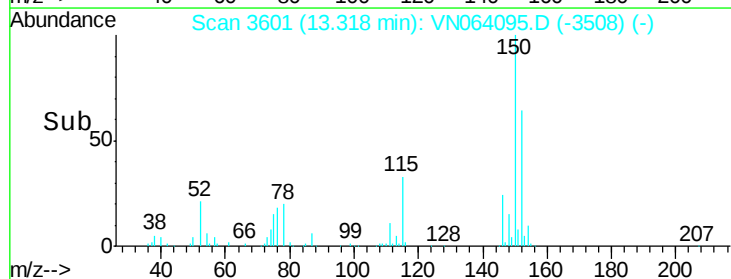
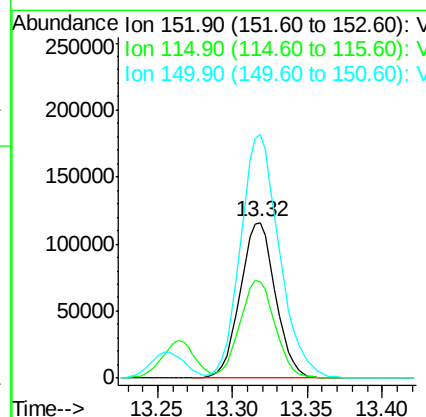
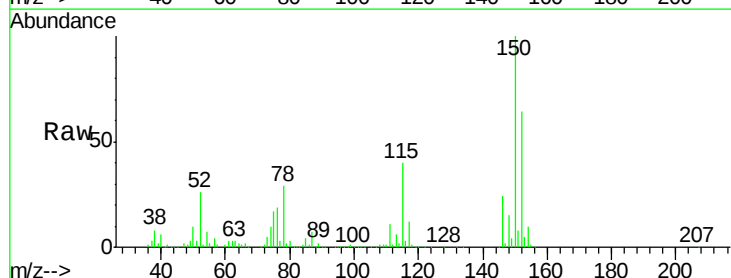
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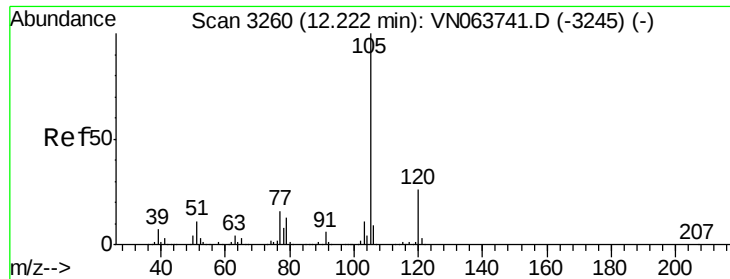
MMDadoda
10/13/2020 4:09:57 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.3	93.8
150	172.2	0.0	341.8





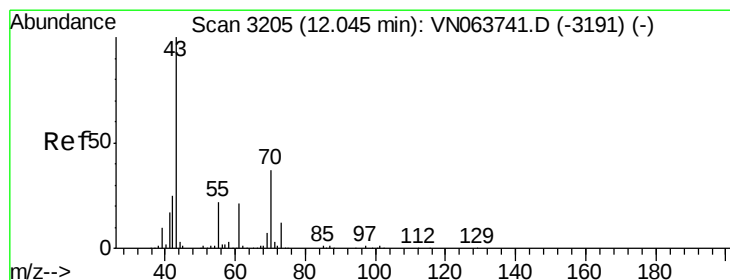
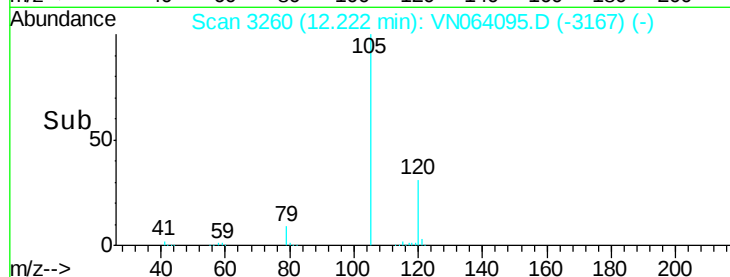
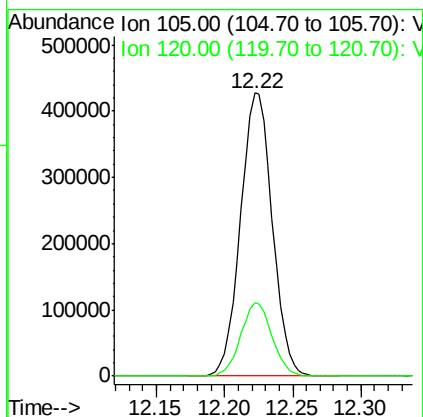
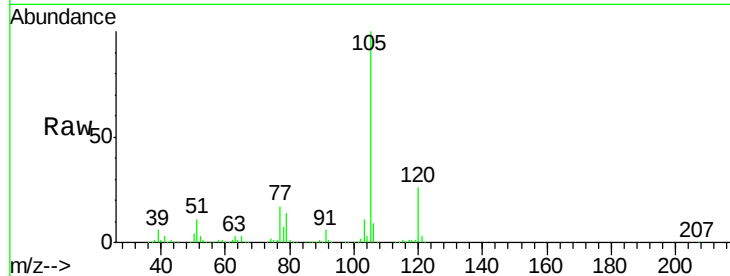
#73
Isopropylbenzene
Concen: 49.646 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.6	37.8

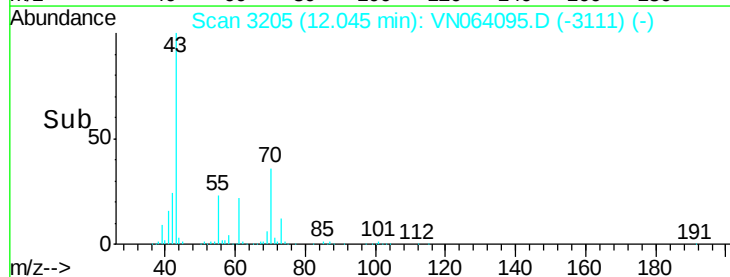
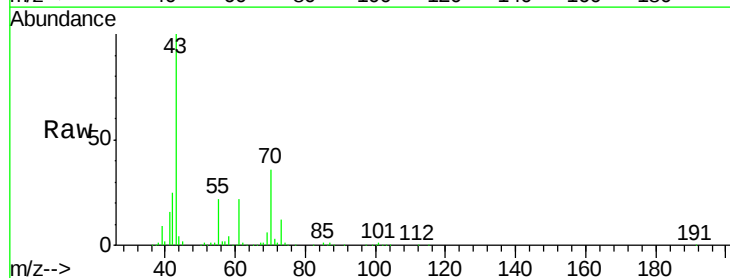
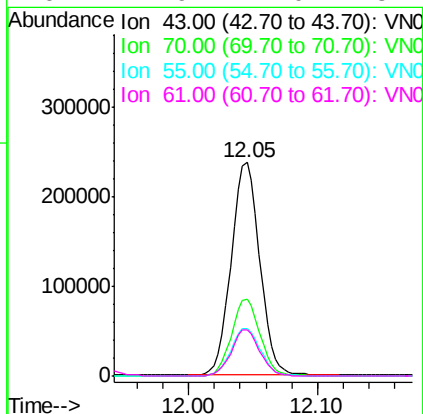
Manual Integrations
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10/13/2020 4:09:57 PM



#74
N-ethyl acetate
Concen: 56.304 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.3	29.8	44.8
55	23.1	17.9	26.9
61	21.9	17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.670 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 236930

Ion Ratio Lower Upper

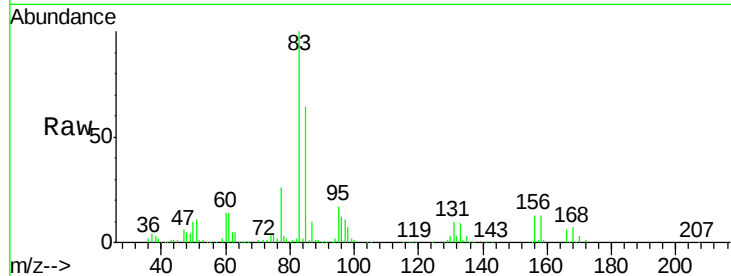
83 100

131 9.8 5.3 15.8

85 63.8 31.3 93.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063741.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-3325) (-)

12.48

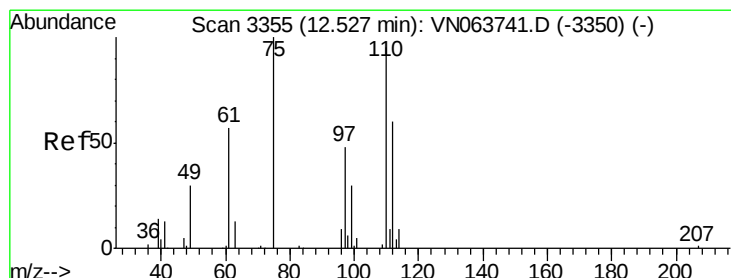
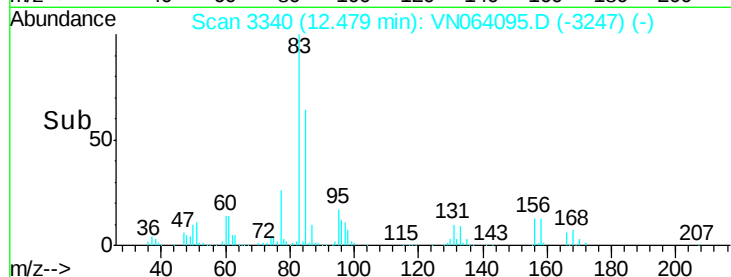
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.518 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064095.D

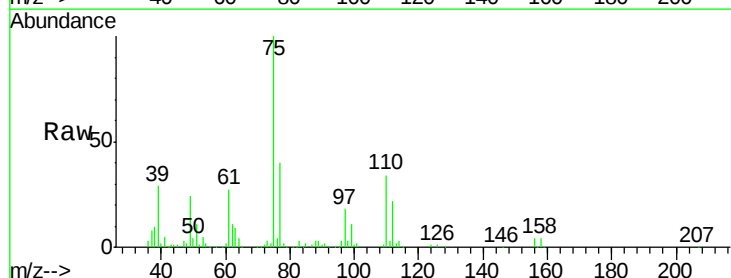
Acq: 12 Oct 2020 22:14

Tgt Ion: 75 Resp: 216700

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)

12.53

200000

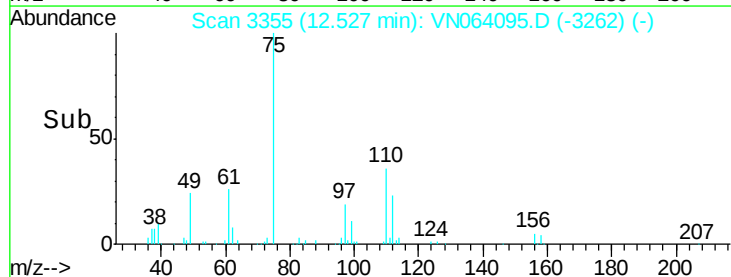
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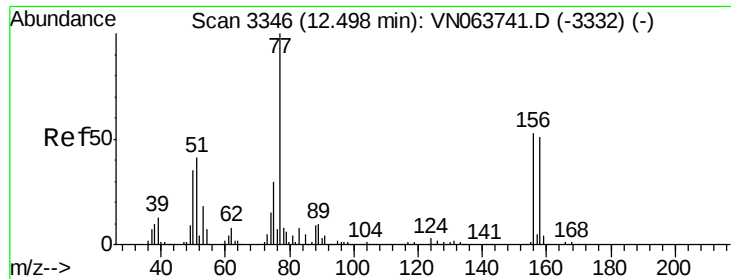
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 51.131 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

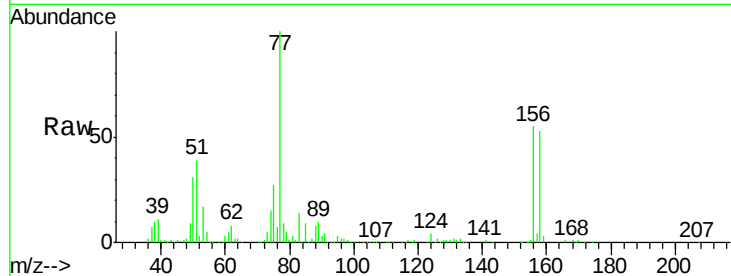
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	226.4	110.9	332.7
158	96.1	47.7	143.1

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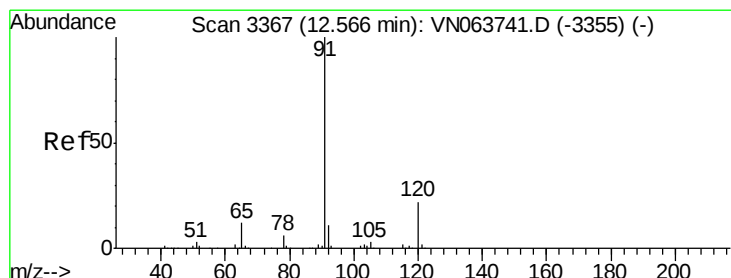
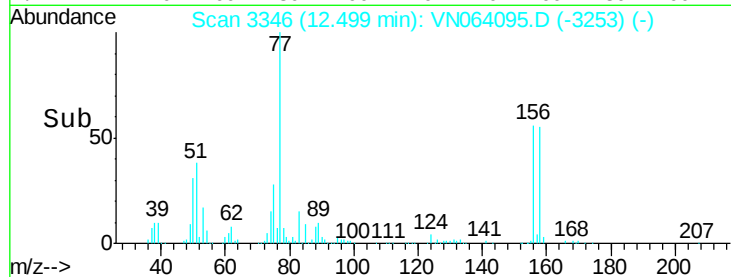
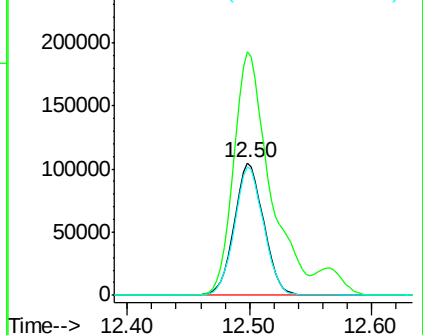


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.604 ug/l

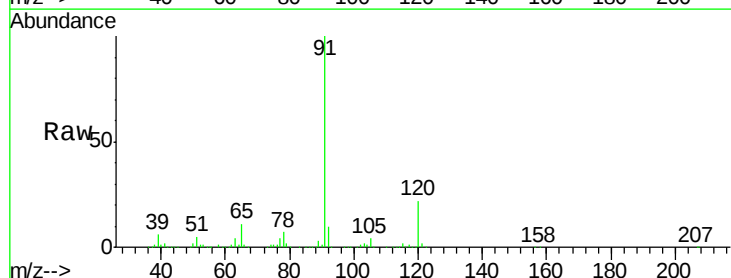
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

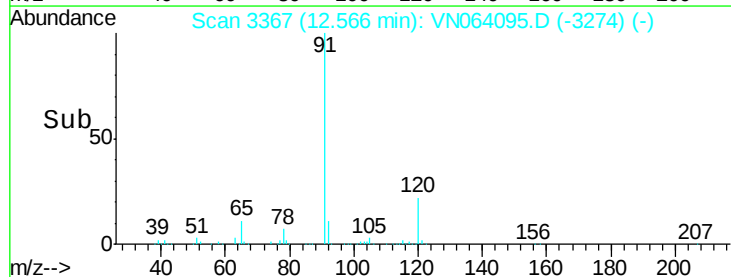
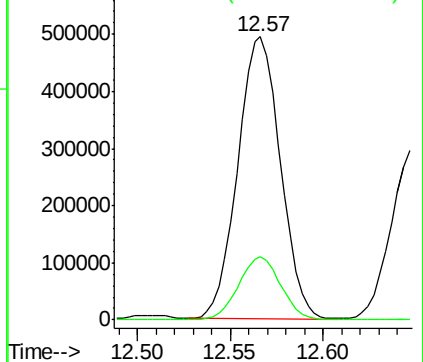
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1

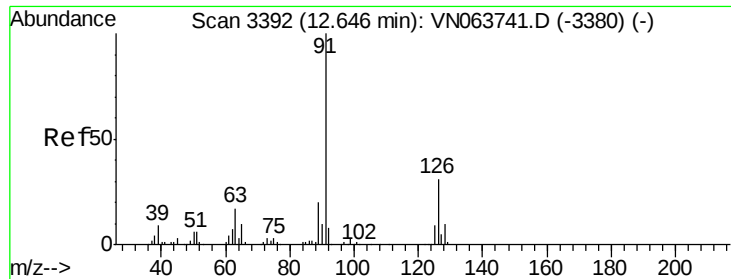


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.699 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 495091

Ion Ratio Lower Upper

91 100

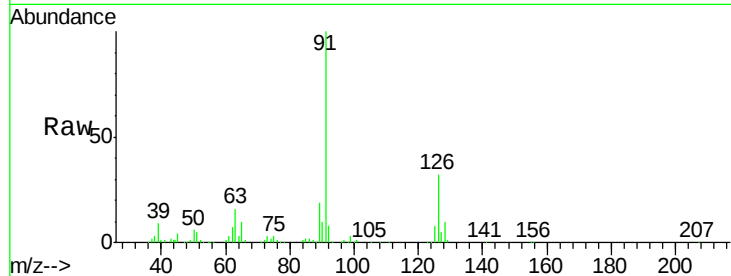
126 32.1 15.9 47.7

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Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)

400000

300000

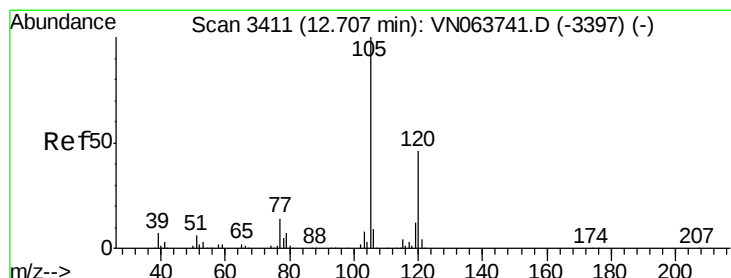
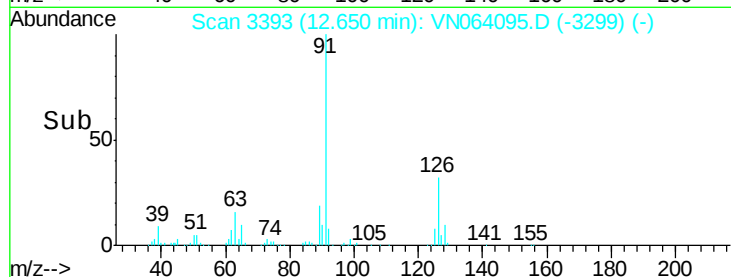
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.954 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064095.D

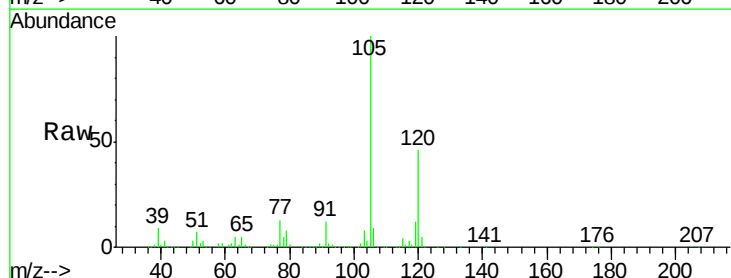
Acq: 12 Oct 2020 22:14

Tgt Ion: 105 Resp: 583283

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

400000

300000

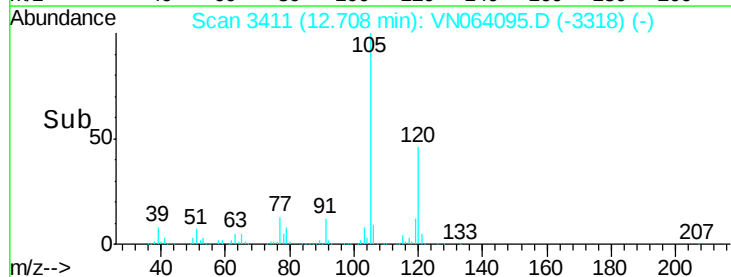
200000

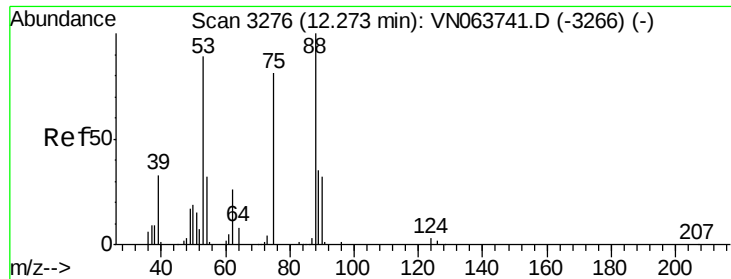
100000

0

12.60 12.70 12.80

Time-->





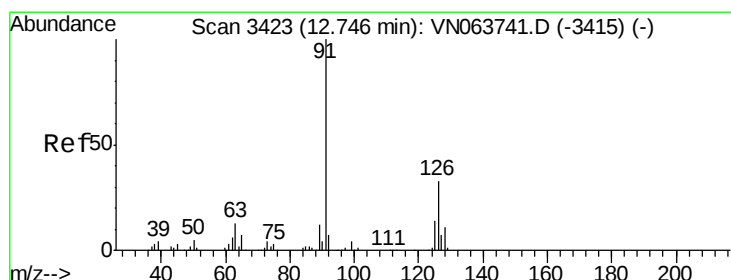
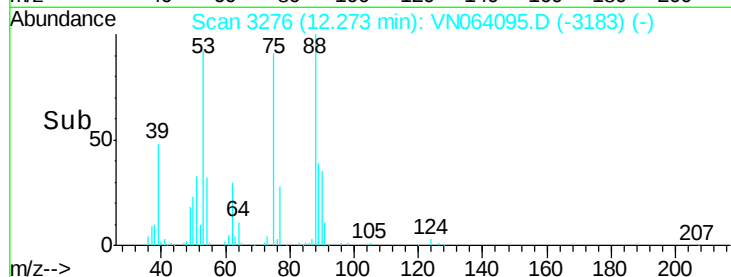
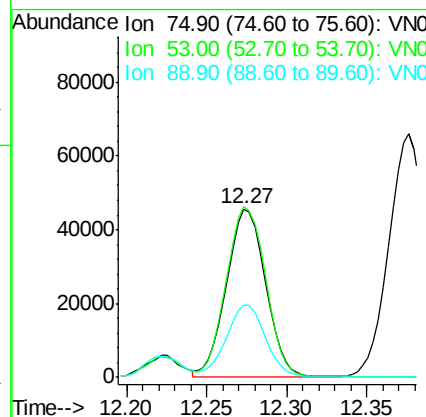
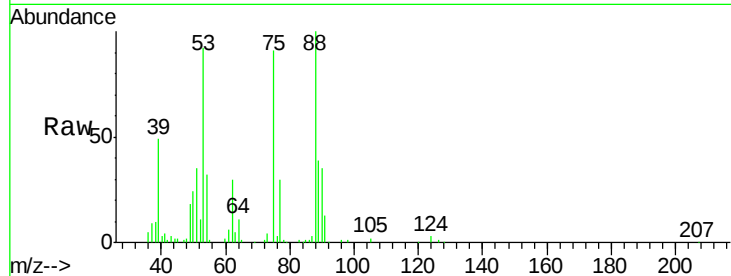
#81
trans-1,4-Dichloro-2-butene
Concen: 52.593 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	88.2	132.2
89	42.7	36.0	54.0

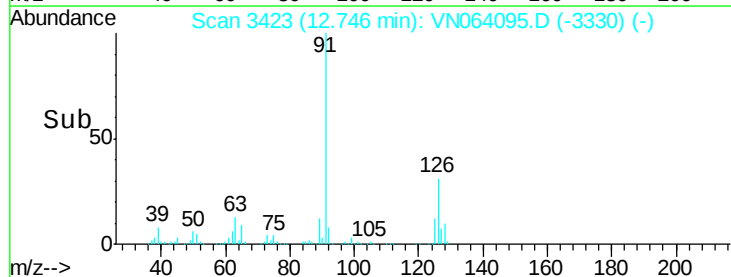
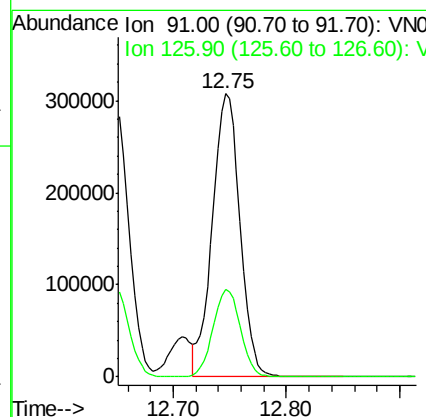
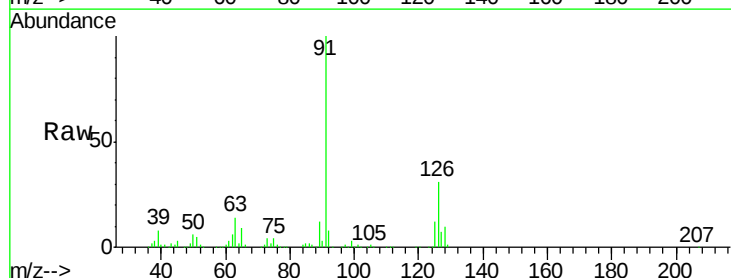
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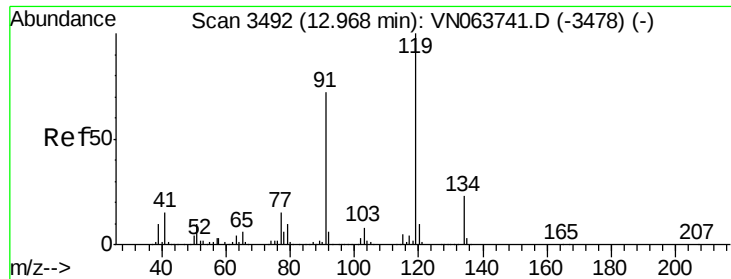
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#82
4-Chlorotoluene
Concen: 50.005 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.2





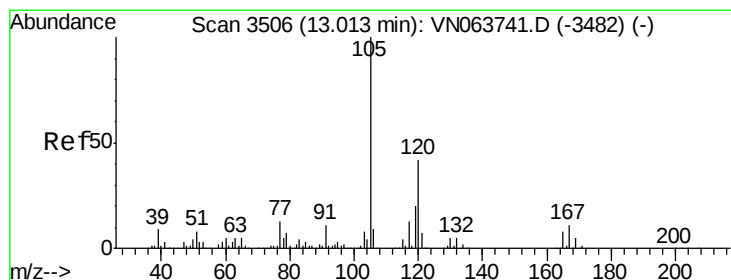
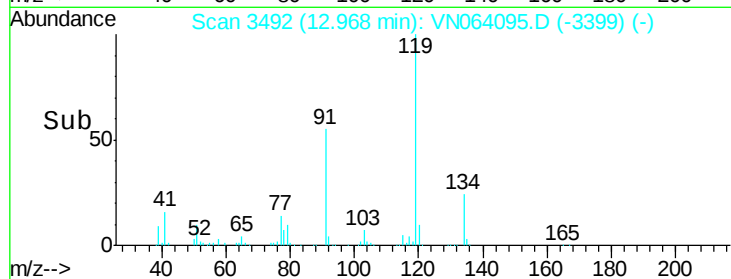
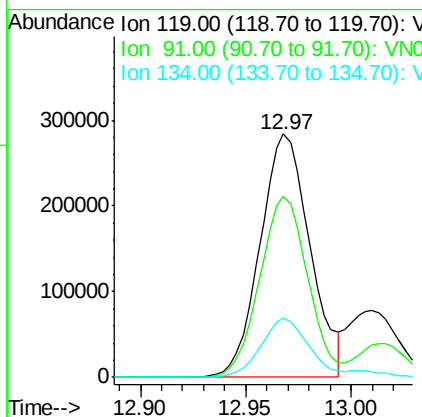
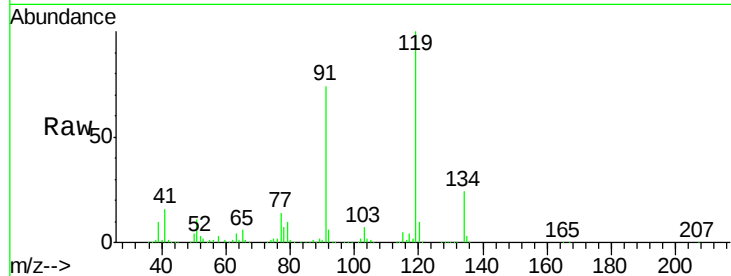
#83
 tert-Butylbenzene
 Concen: 48.967 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.1	35.5	106.5
134	23.1	11.7	35.1

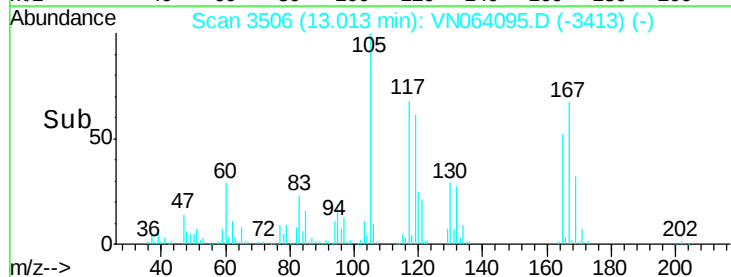
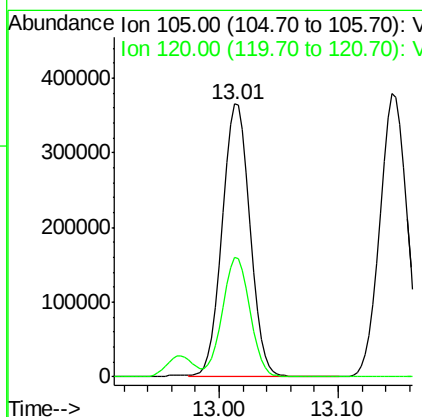
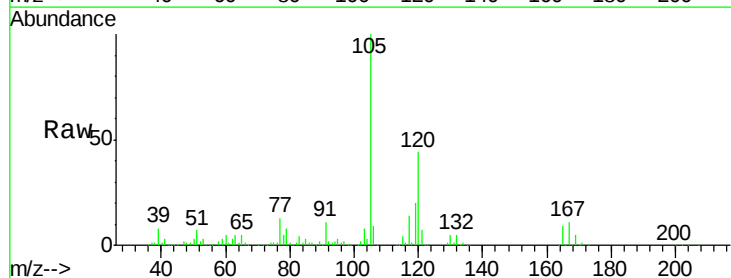
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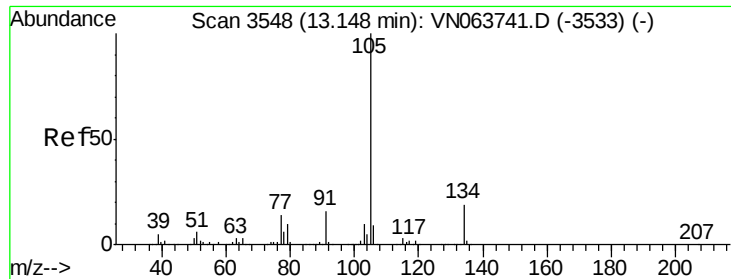
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.607 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	20.9	62.7





#85

sec-Butylbenzene

Concen: 48.221 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 604927

Ion Ratio Lower Upper

105 100

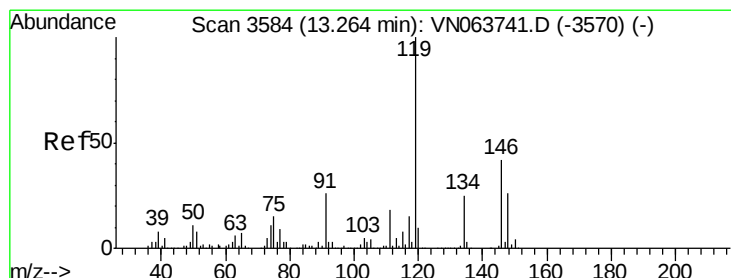
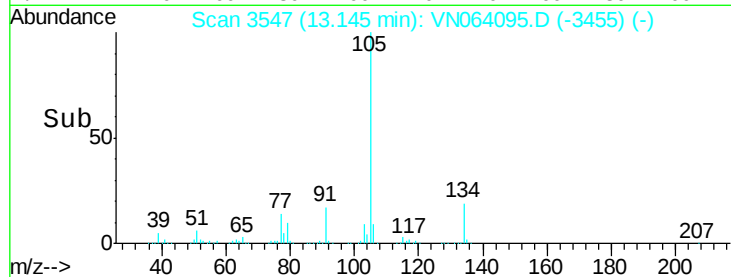
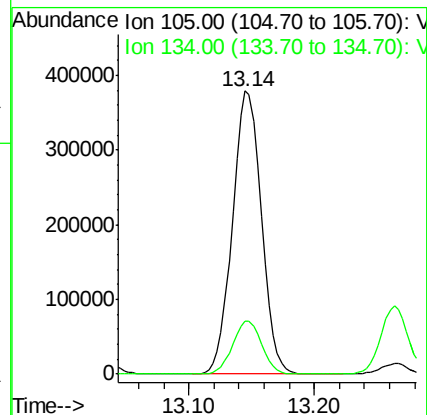
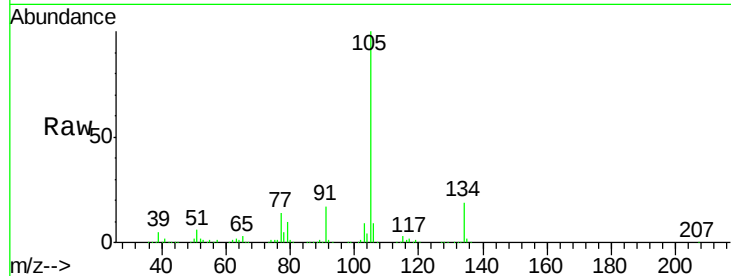
134 18.8 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 48.932 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

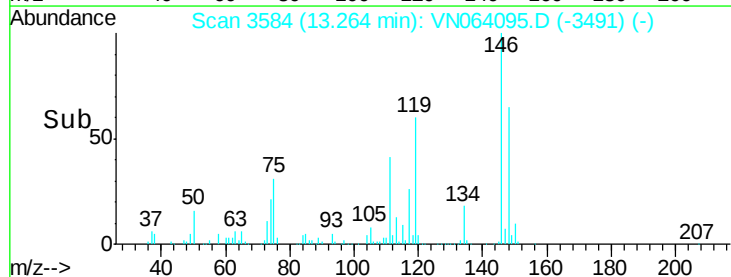
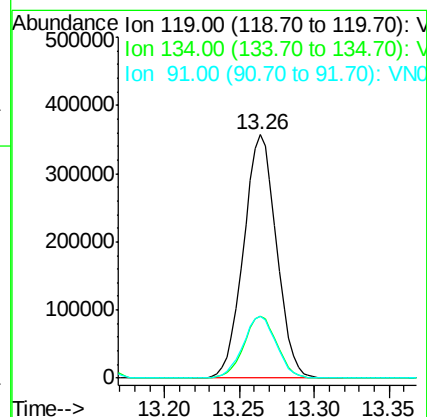
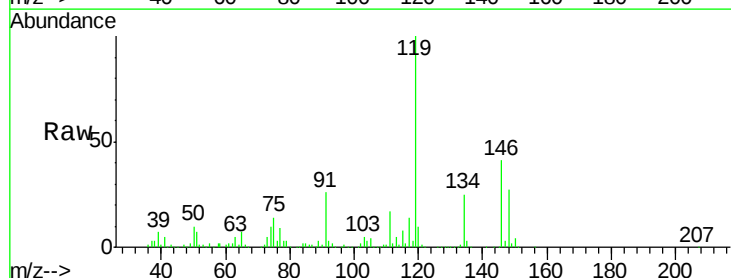
Tgt Ion:119 Resp: 543039

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.6 13.4 40.2





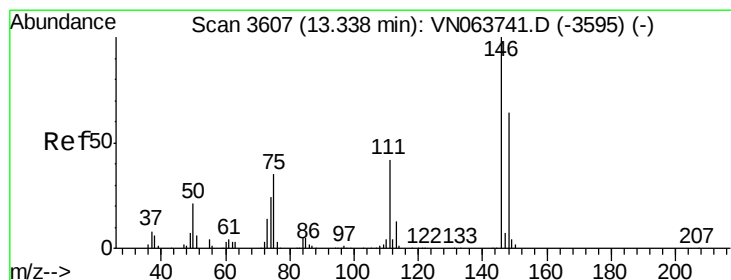
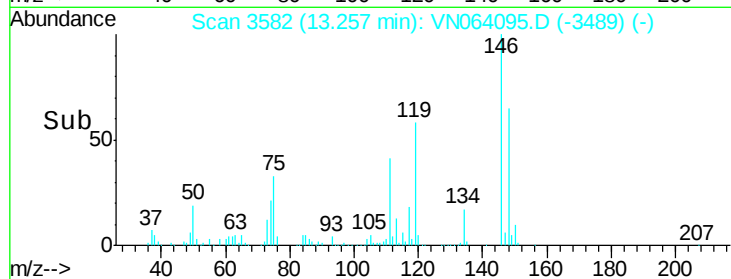
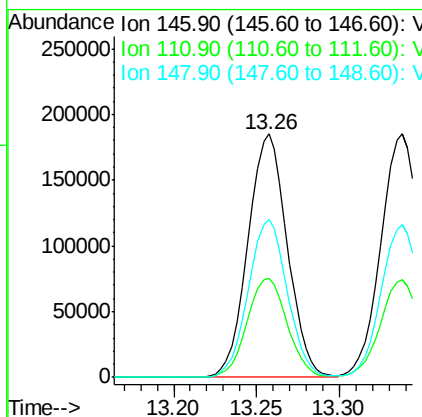
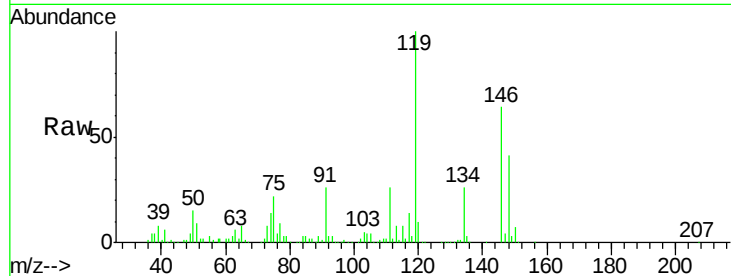
#87
 1,3-Dichlorobenzene
 Concen: 49.300 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	64.5	31.1	93.3

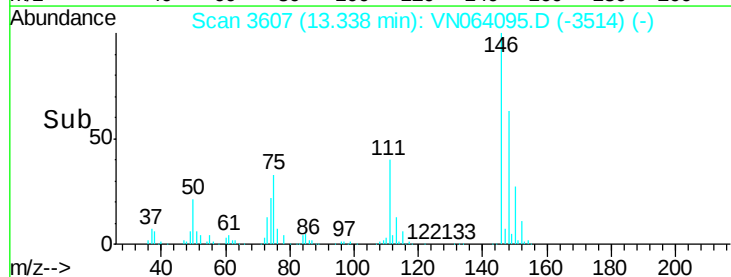
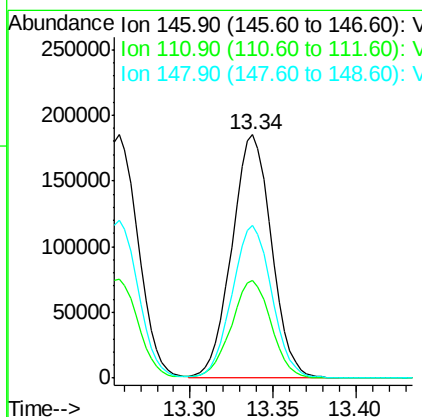
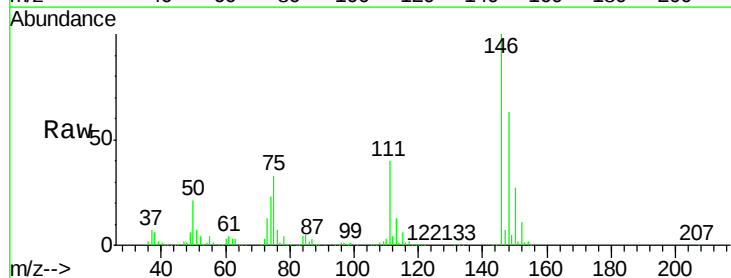
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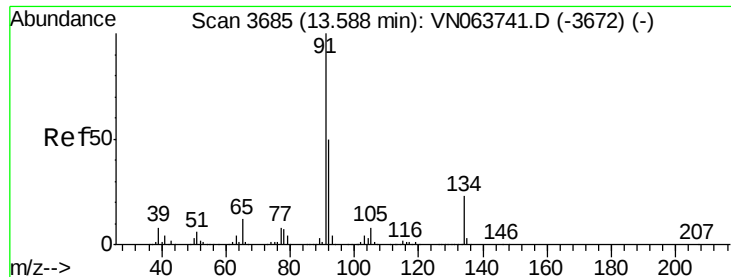
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#88
 1,4-Dichlorobenzene
 Concen: 47.677 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.3	63.7
148	62.9	32.0	96.0





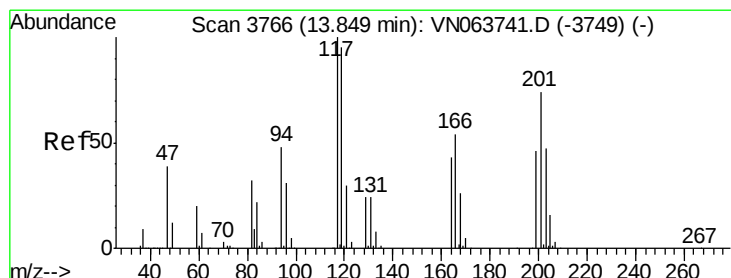
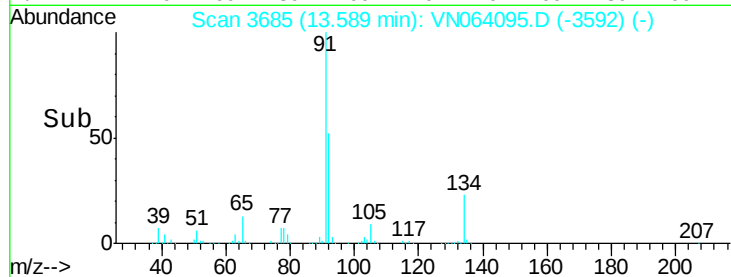
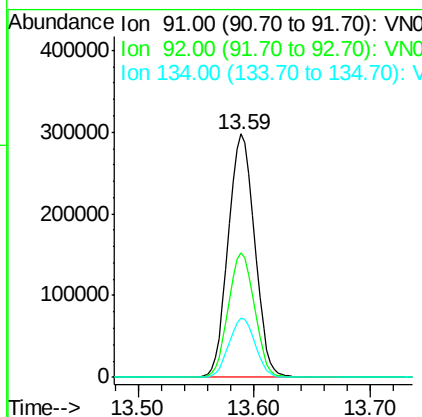
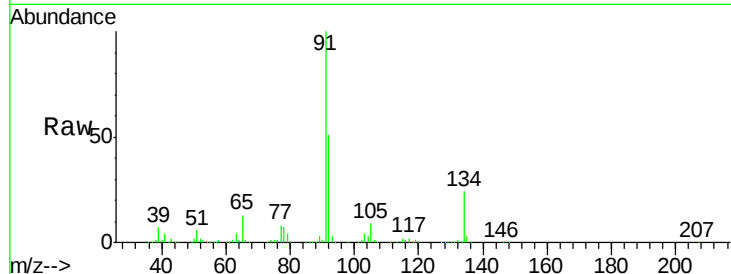
#89
n-Butylbenzene
Concen: 45.774 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.4	76.4
134	23.9	11.7	35.1

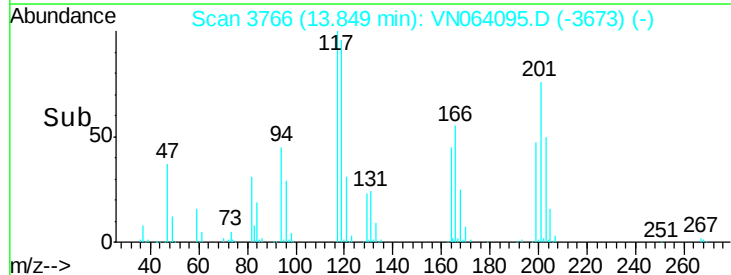
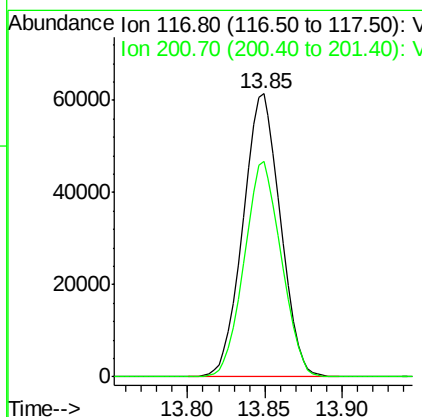
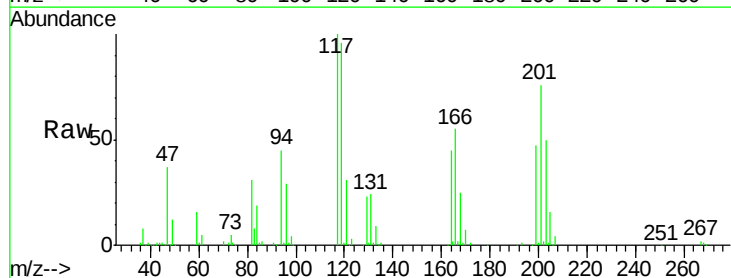
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#90
Hexachloroethane
Concen: 48.116 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	36.0	108.0





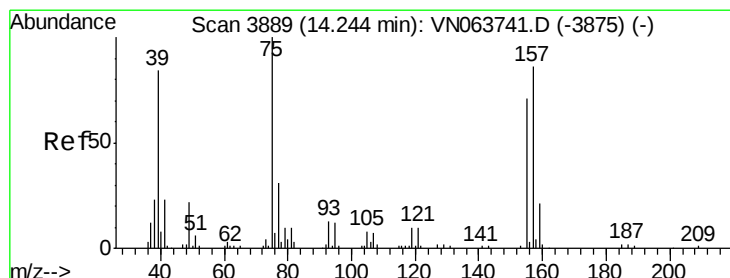
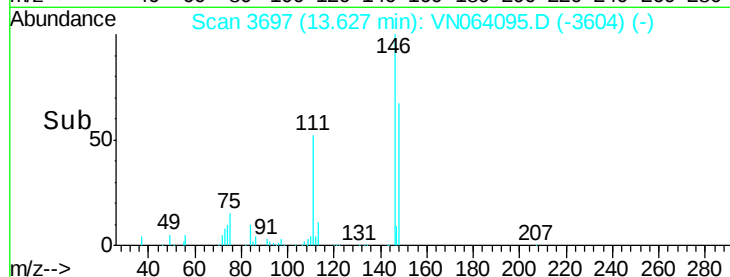
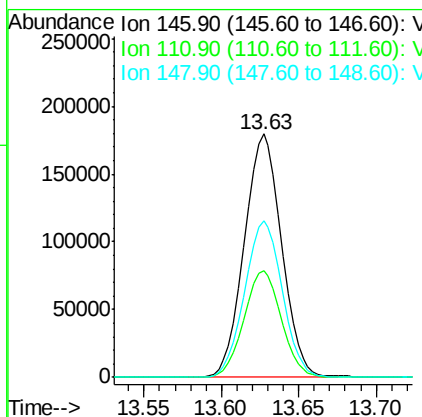
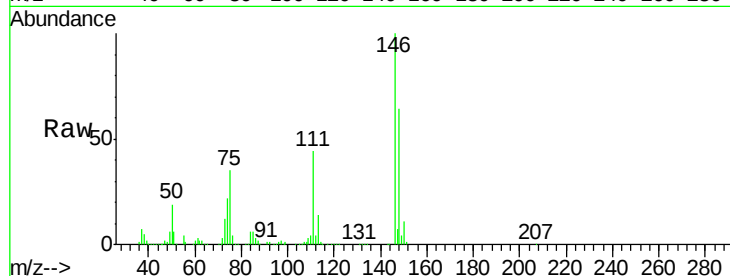
#91
 1,2-Dichlorobenzene
 Concen: 49.383 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	65.0	32.5	97.4

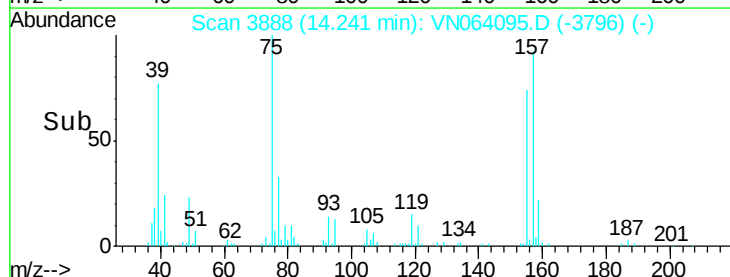
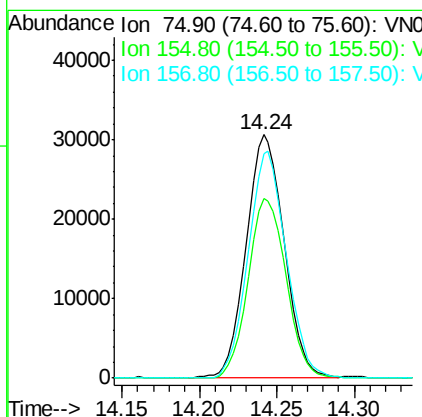
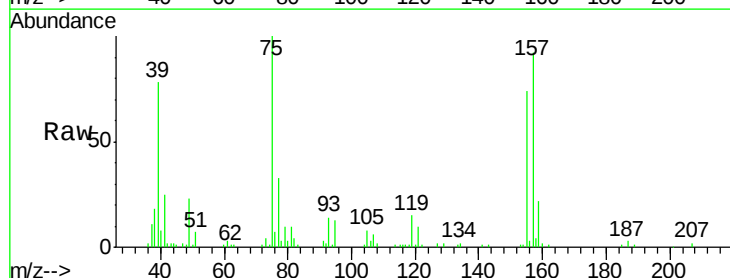
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.533 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	34.8	104.5
157	93.4	43.7	131.1





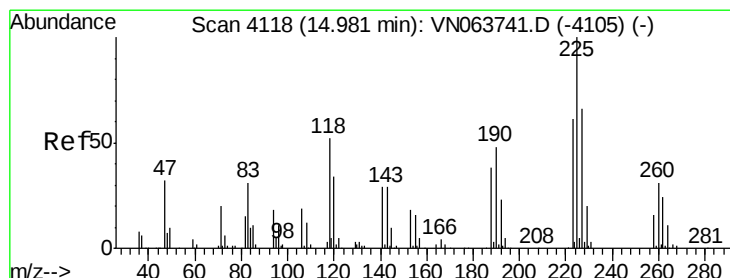
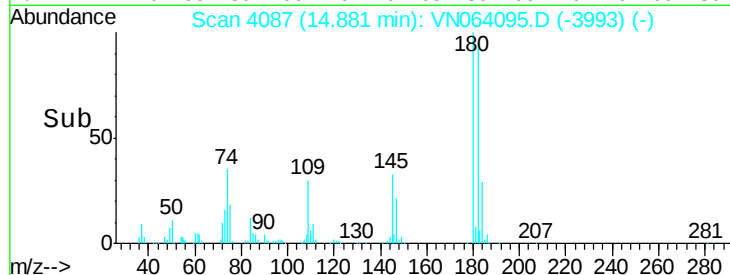
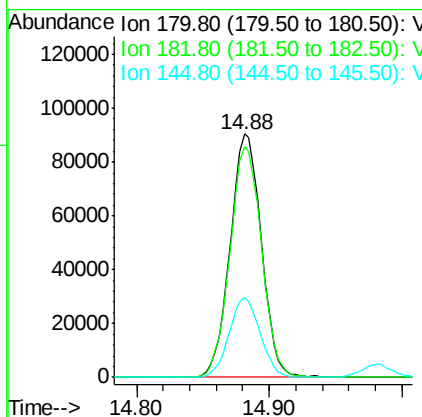
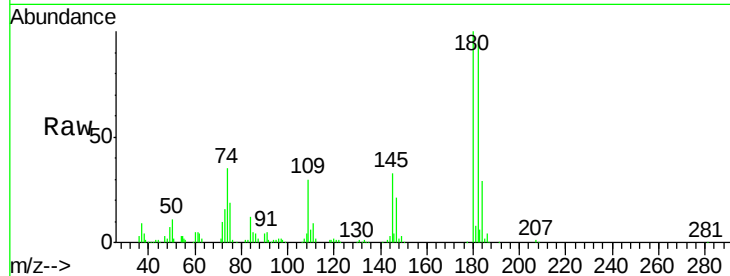
#93
 1,2,4-Trichlorobenzene
 Concen: 44.597 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147754		
182	96.5	48.2	144.6	
145	32.6	17.1	51.2	

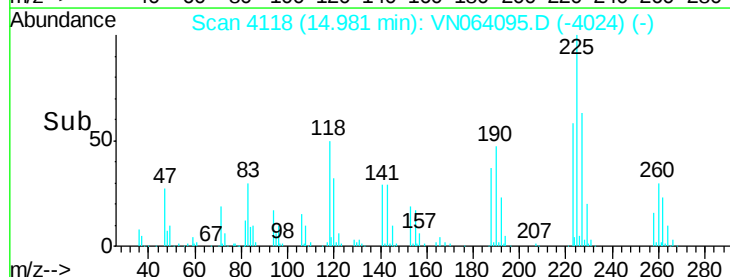
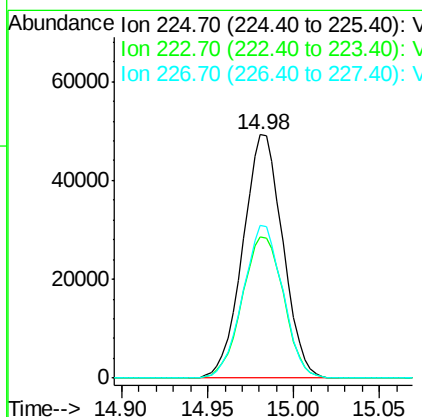
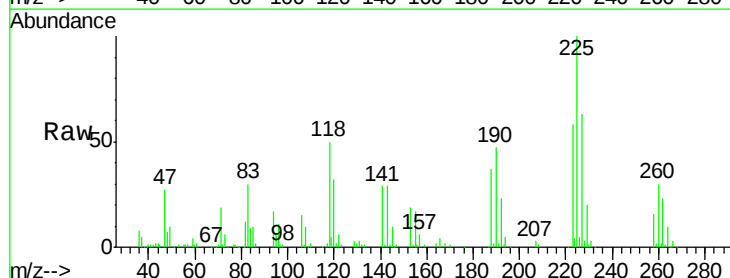
Manual Integrations
 APPROVED

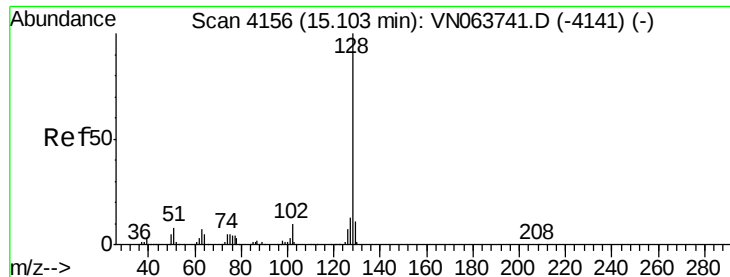
MMDadoda
 10/13/2020 4:09:57 PM



#94
 Hexachlorobutadiene
 Concen: 47.879 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79438		
223	60.6	30.3	91.0	
227	62.7	31.9	95.5	





#95

Naphthalene

Concen: 47.493 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

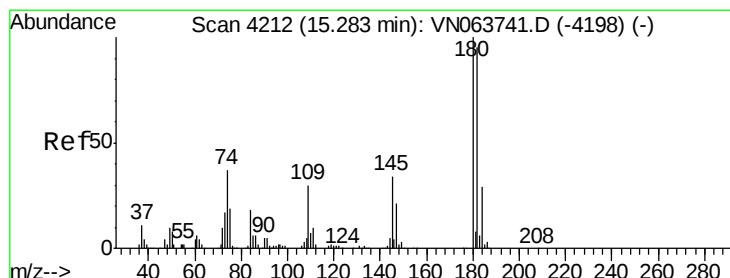
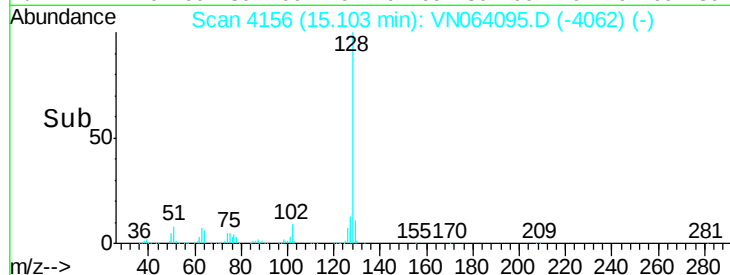
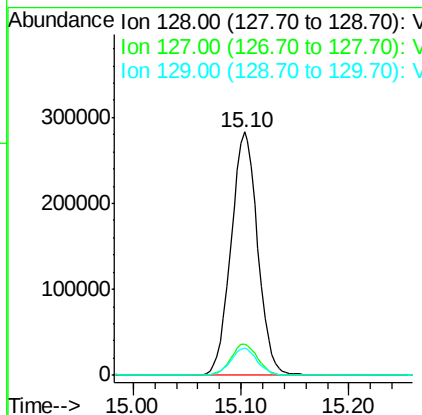
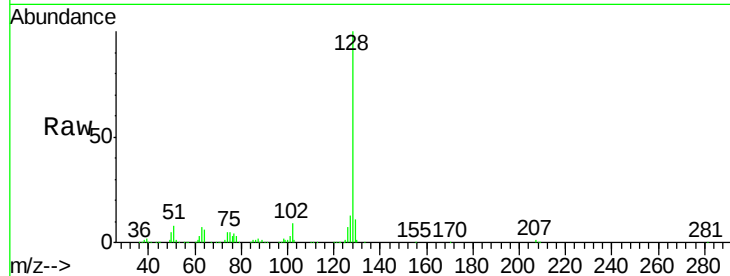
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	487956
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/13/2020 4:09:57 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.192 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion:	180	Resp:	152014
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.6
145	33.8	17.2	51.5

